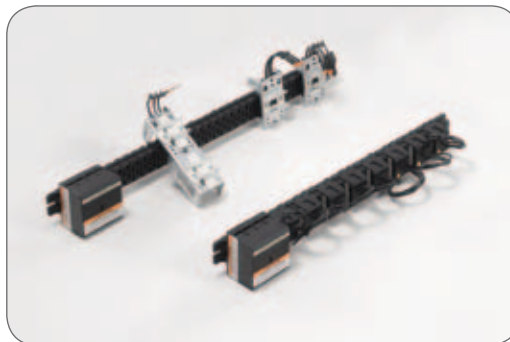
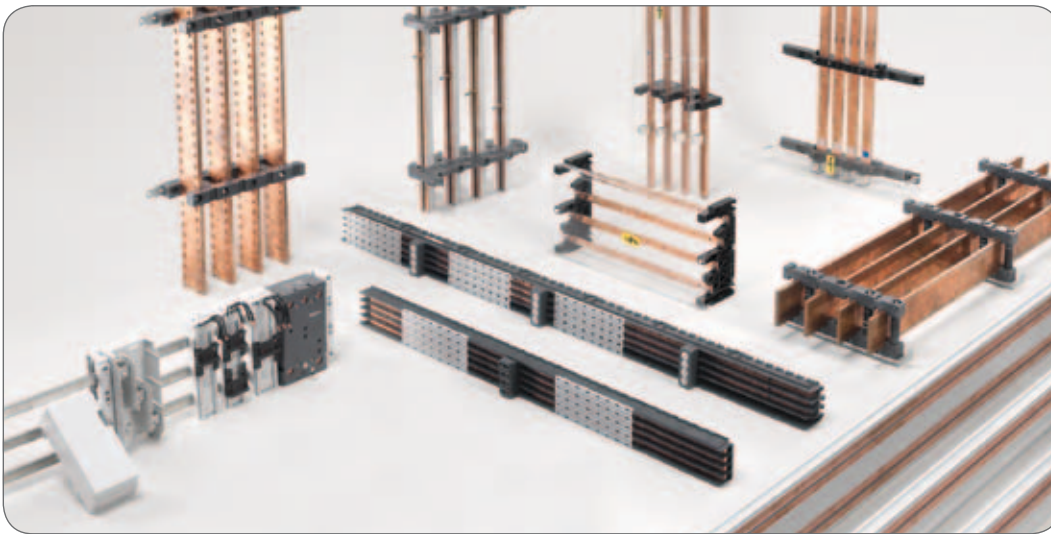
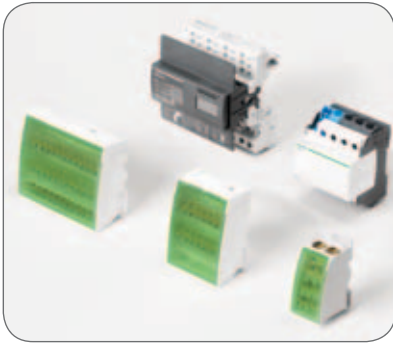


Lineryg

Distribution & Connection systems



Presentation 4

Linery distribution systems

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Linery connection systems

Terminal blocks & bars 73

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All Schneider Electric
distribution and connection
systems have now been
brought together into
a single brand name:

Linergy

Now, think Linergy!



Because Linergy is...



Flexible

- > **Linergy** is a complete range of more than 800 references, suitable for all type of applications (electrical distribution, process and control, datacenters, etc.).
- > **Linergy** can be easily adapted to technical demand, customer habits and preferences.
- > Thanks to their compactness, **Linergy** products can be easily installed into a minimum of space.
- > **Linergy** is easy to implement in the shortest possible time.
- > With **Linergy** you can make changes to your panel on the installation site, right up to the last minute.



Safer

- > **Linergy** IPxxB everywhere.
- > **Linergy** is a "Hot plug" solution, enabling connections without turning off the switchboard (energised connection).
- > **Linergy** simplifies wiring, thus directly contributing to enhancing panel reliability.



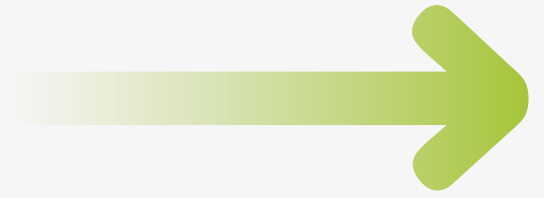
Reliable

- > **Linergy** is fully compliant with IEC standards, and some systems are also multi-standard.
- > All **Linergy** distribution and connection systems have been designed and tested to work together (synergies with Schneider Electric devices).
- > **Linergy**, brings you the benefit of an energy-efficient switchboard.

And much more...



Linery

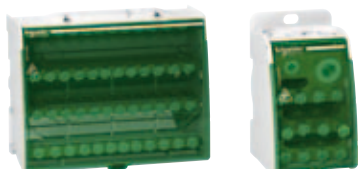


Inside Prisma and Spacial SFP, you benefit from IEC 61439 tested solutions

With Linergy, you will be able to **connect your rows** regardless of the enclosure you have chosen.

Linergy DS

Distribution Blocks



- > Compact solution
- > Cabling capacity of up to 60 connection points
- > Screw connection models

Linergy FM

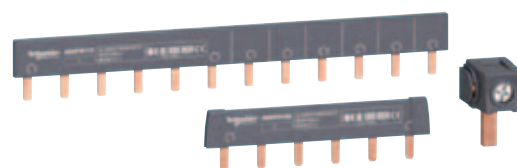
Device Feeders



- > Quick distribution of up to 54 outgoing
- > Maximum flexibility to balance your phases
- > No creepage campaign thanks to clamp technology

Linergy FH

Device Feeders



- > Complete family of products to cover all needs
- > Easy to install
- > Compactness up to 100 A

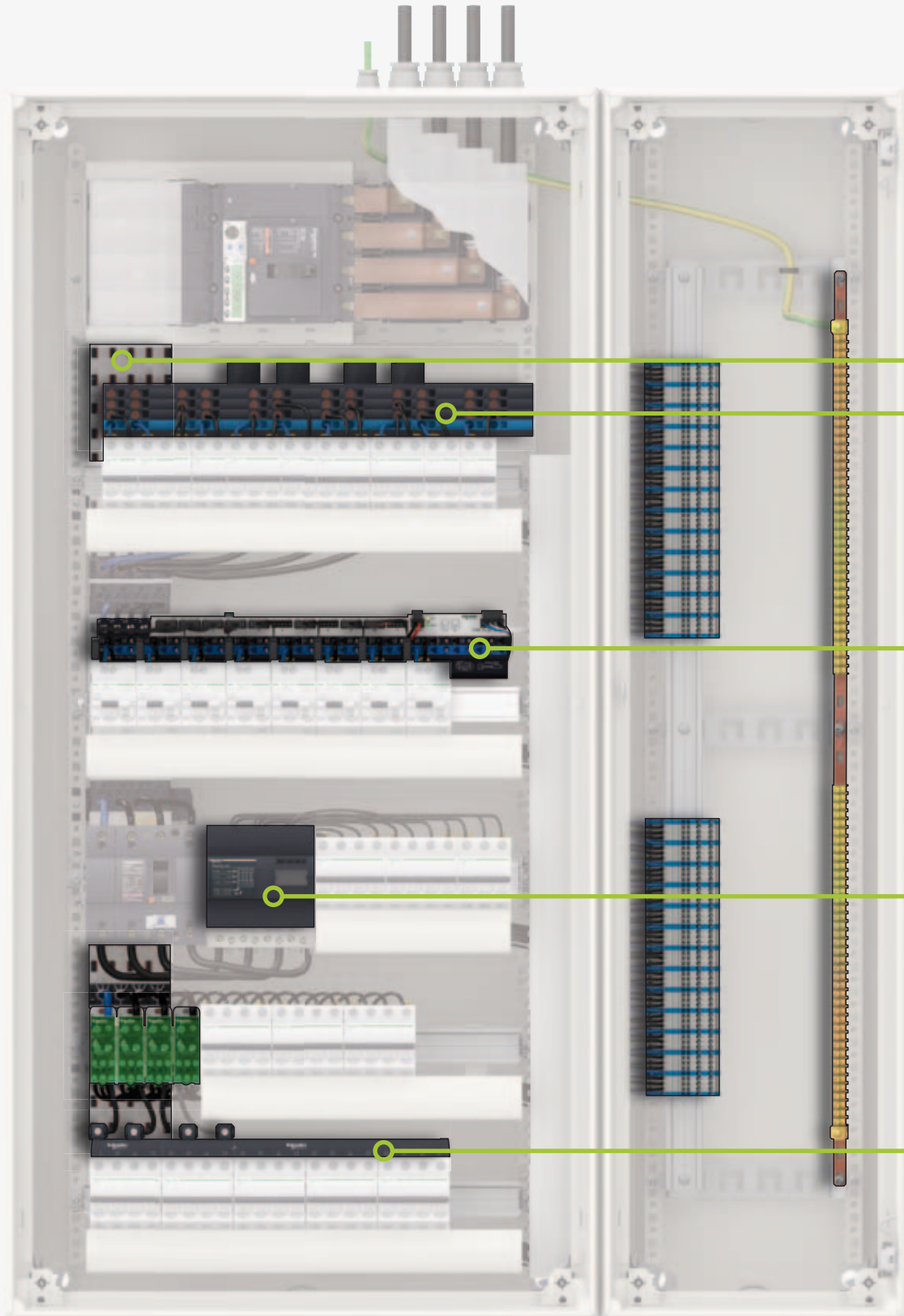
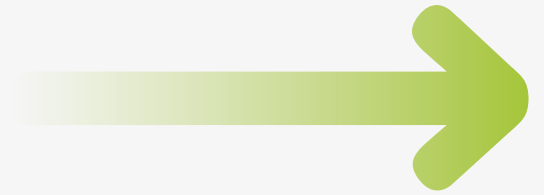
Linergy TB

Terminal Blocks and Bars



- > Minimum space required
- > Quick connection models

Linery



Lineryg offers you smart power network solutions for your switchboard.

Lineryg BW

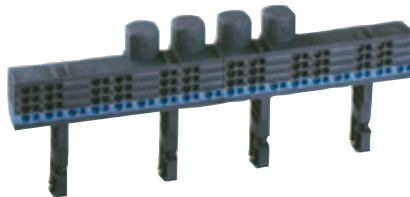
Power Busbars



- > Solutions available up to 630 A
- > Solutions can be adapted to all switchboard architectures

Lineryg FM

Device Feeders



- > Maximum flexibility to balance your phases
- > SmartLink support for communication

Lineryg DX

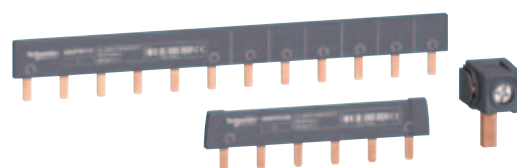
Distribution Blocks



- > Quick connection models
- > Easy to wire
- > Compact solution
- > Cabling capacity of up to 52 connection points

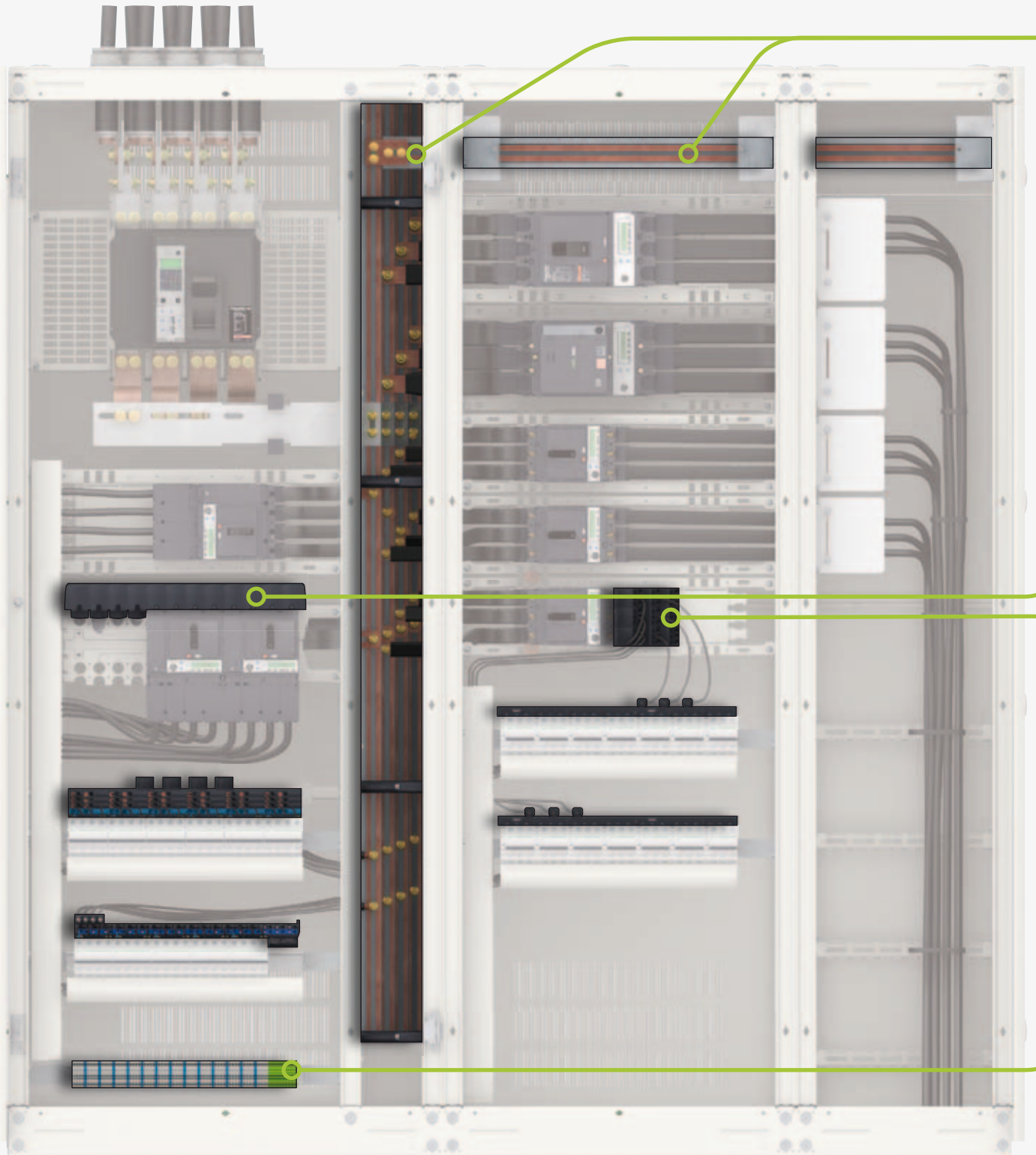
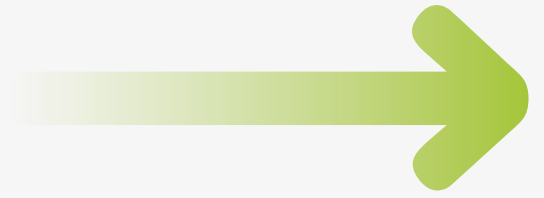
Lineryg FH

Device Feeders



- > All lengths available (up to 1 m)
- > Comb busbars compatible with auxiliaries

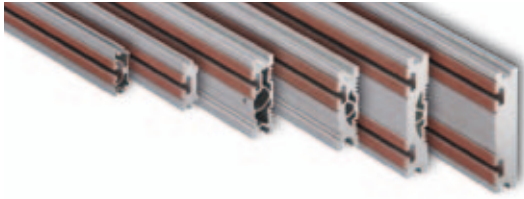
Lineryg



Linergy also offers the most **advanced busbar solutions** while remaining **simple**.

Linergy LGY/LGYE

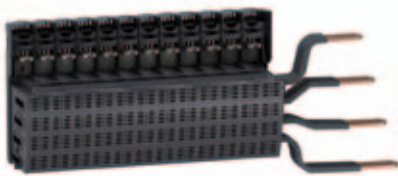
Power Busbars



- > Solutions available up to 4000 A
- > Connection everywhere without drilling (with LGY and LGYE profile)

Linergy FC

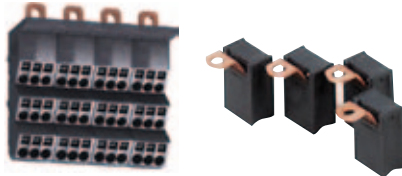
Device Feeders



- > Compact (3 x 4P / 4 x 3P) solution
- > Reliable connection
- > Quick connection system dedicated to Compact NSX up to 250 A

Linergy DP

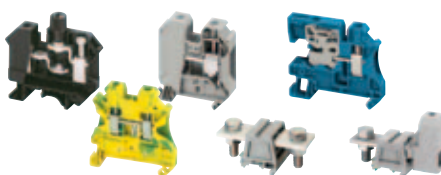
Distribution Blocks



- > Compactness of up to 250 A
- > Simplicity of use
- > Quick connection system dedicated to Compact NSX

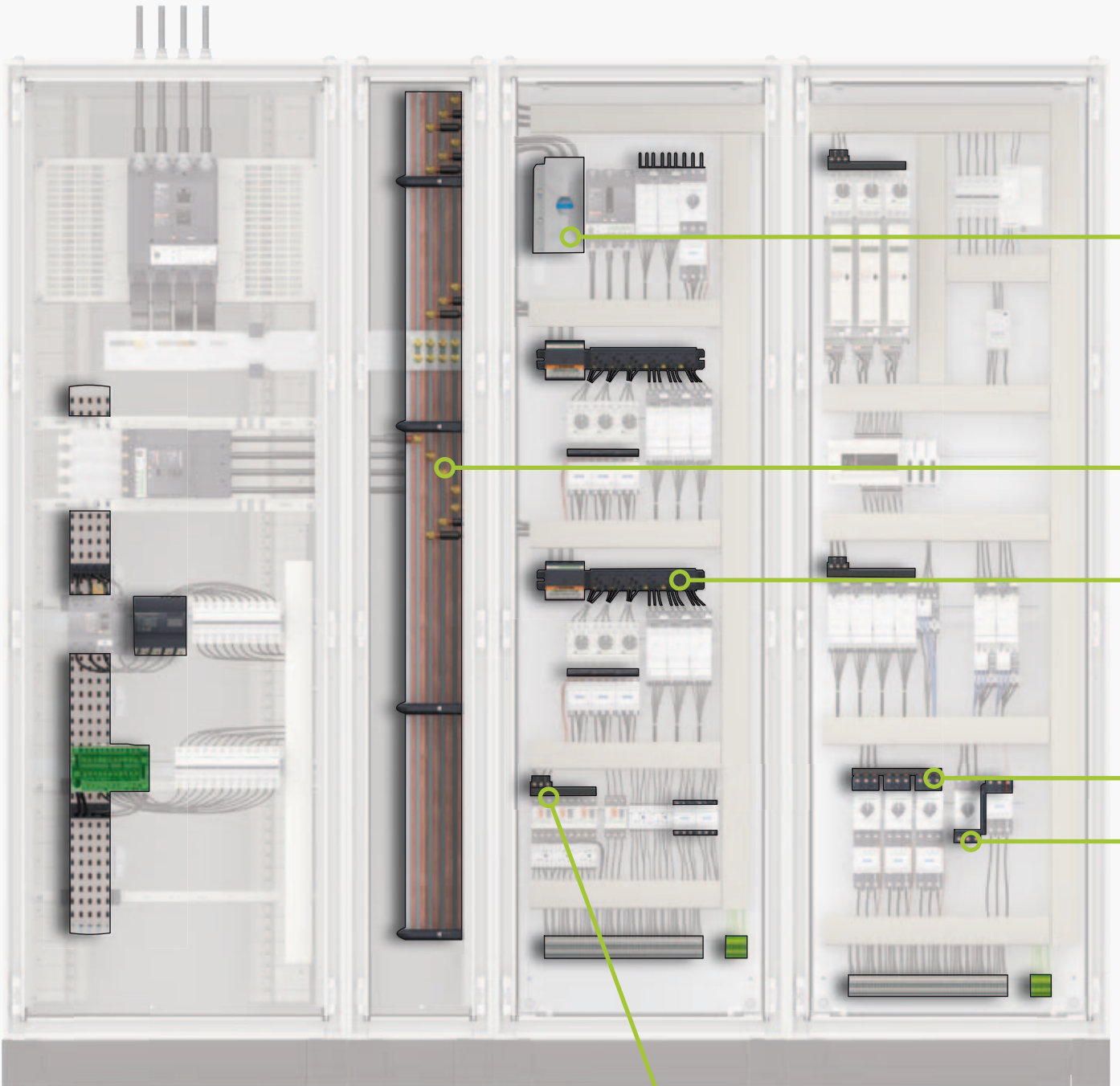
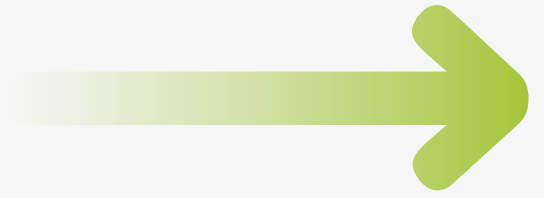
Linergy TR

Terminal Blocks and Bars



- > Simplicity of use
- > Consistency and cross-functionality guaranteed
- > Few references for a maximum of applications

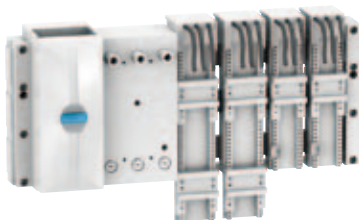
Lineryg



Thanks to Linergy, you can now have the **scalable and flexible panel** that you deserve.

Linergy BZ

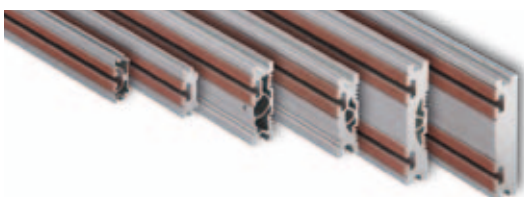
Power Busbars



- > Quick connection plates for Compact and TeSys offers
- > Multi-standard offering up to 630 A

Linergy LGY / LGYE

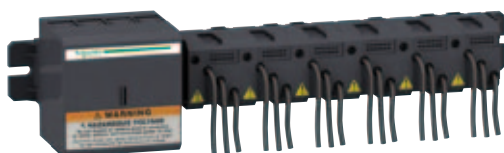
Power Busbars



- > Solutions available up to 4000 A
- > Panel devices powered everywhere inside the panel

Linergy HK

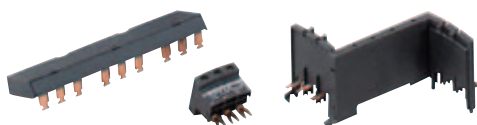
"Hot Plug" Distribution



- > Panel easily upgradeable
- > Reliable "hot plug" modification or upgrade
- > Multi-standard system of up to 160 A

Linergy FT

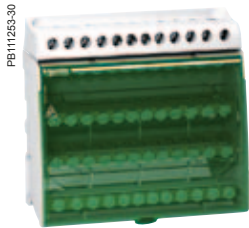
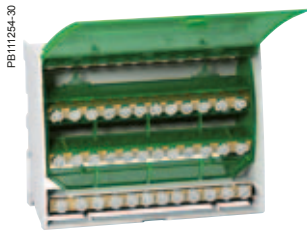
Device Feeders



- > Optimised productivity and efficiency of your control panel
- > Easy to install
- > High reliability



Linergy DS	16
Screw distribution blocks	16
<hr/>	
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Quick distribution blocks	18
<hr/>	
Linergy DP	20
Quick distribution blocks	20



IEC/EN 60947-7-1, IEC/EN 61439-1 & 2





Description

- Single-pole or four-pole distribution block that can be installed on a standard DIN rail or on a mounting plate.
- Compatible with Prisma G and P, Pragma, Mini Pragma and Resbo series switchboards.
- Incomers and feeders are connected to screw terminals that accept rigid or flexible cables with ferrule.
- Optional: additional neutral terminal strip for four-pole distribution block.

Advantages

- Simplified power supply for main incomers.
- Easy phase balancing.
- Easy, effortless cabling due to excellent accessibility.
- Visible cabling.
- Insulation between phases.
- The single-pole distribution blocks are adjacent and bridgeable via the second incoming hole for parallel connection.

Screw distribution blocks

Number of poles	1P			4P
				
Rated operational current	125 A	160 A	250 A	100 A
Total connections capacity	10	13	14	4 x 7
Terminal capacity				
Diameter	2 x Ø 9.5 mm	2 x Ø 12 mm	1 x Ø 15.3 mm	2 x Ø 7.5 mm
	2 x Ø 7.5 mm	3 x Ø 7.5 mm	1 x Ø 10 mm	5 x Ø 5.5 mm
	6 x Ø 5.8 mm	8 x Ø 5.8 mm	4 x Ø 6 mm	-
	-	-	8 x Ø 7.5 mm	-
Rated peak withstand current (I _{pk})	25 kA	36 kA	60 kA	24 kA
Rated short-time withstand current (I _{cw}) (IEC/EN 60947-7-1)	4.2 kArms/1 s	8.4 kArms/1 s	14.4 kArms/1 s	3 kArms/1 s
Width (number of 9 mm pitches)	3	4	5	8
Dimension (HxWxD)	85x27x50.5	85x36x50.5	85x45x50.5	100x71x50.5
Weight (g)	125	163	239	210
Neutral terminal strip (optional)	-	-	-	LGYN1007
Reference	LGY112510	LGY116013	LGY125014	LGY410028

DB405005



On LGY412560 and LGY416048 references
Input cabling facilitated by side terminals

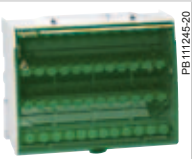
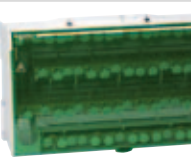
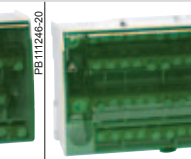
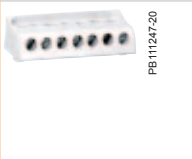

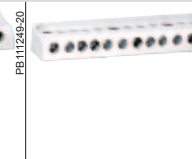
Technical data

Common characteristics

Rated insulation voltage (Ui)	500 V AC
Rated operational voltage (Ue)	230 V AC (Ph/N) 440 V AC (Ph/Ph)
Rated impulse withstand voltage (Uimp)	8 kV
Rated conditional short-circuit current of an assembly	Up to the breaking capacity of Schneider Electric feeder circuit breakers, even in cascading configuration
Network frequency	50/60 Hz
Pollution degree	3
Overvoltage category	III

Additional technical characteristics

Reference temperature	40°C
Operating temperature	-25°C to 55°C
Dielectric withstand (IEC/EN 60947-1)	2500 V AC

			Neutral terminal strip		
					
125 A	160 A	100 A	125 A	100 A	15 A
4 x 12	4 x 15	4 x 12	7	12	15
1 x Ø 9 mm	1 x Ø 9.5 mm	1 x Ø 12 mm	2 x Ø 7.5 mm	1 x Ø 9 mm	1 x Ø 9.5 mm
7 x Ø 7.5 mm	3 x Ø 8.5 mm	3 x Ø 9 mm	5 x Ø 5.5 mm	7 x Ø 7.5 mm	3 x Ø 8.5 mm
4 x Ø 6.5 mm	11 x Ø 6.5 mm	8 x Ø 7.5 mm	-	4 x Ø 6.5 mm	11 x Ø 6.5 mm
-	-	-	-	-	-
26 kÅ	28 kÅ	36 kÅ	-	-	-
4.2 kArms/1 s	4.2 kArms/1 s	8.4 kArms/1 s	-	-	-
14	20	18	7	14	17
100x126x50.5	100x162x50.5	100x174x50.5	20x70x35	20x125x35	20x155x35
390	559	567	63	111	149
LGYN12512	LGYN12515	LGYN12512	-	-	-
LGY412548	LGY412560	LGY416048	LGYN1007	LGYN12512	LGYN12515

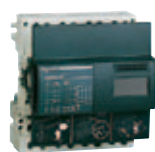
Terminal technical data

Type	PZ2 screw								
Diameter	Ø 5.5 mm	Ø 5.8 mm	Ø 6 mm	Ø 6.5 mm	Ø 7.5 mm	Ø 8.5 mm	Ø 9 mm	Ø 9.5 mm	
Section	Rigid cable	1.5 to 16 mm ²	1.5 to 16 mm ²	1.5 to 16 mm ²	1.5 to 16 mm ²	2.5 to 25 mm ²	6 to 35 mm ²	10 to 35 mm ²	10 to 35 mm ²
	Flexible cable or with ferrule	1.5 to 10 mm ²	1.5 to 10 mm ²	1.5 to 10 mm ²	1.5 to 10 mm ²	1.5 to 16 mm ²	4 to 25 mm ²	4 to 25 mm ²	6 to 35 mm ²
Tightening torque	2 N.m	2 N.m	2 N.m	2 N.m	2 N.m	2 N.m	2.5 N.m	2.5 N.m	
Type	Hc screw								
Diameter	Ø 9.5 mm	Ø 10 mm	Ø 12 mm	Ø 15.3 mm	-				
Section	Rigid cable	10 to 35 mm ²	1.5 to 50 mm ²	25 to 70 mm ²	35 to 120 mm ²				
	Flexible cable or with ferrule	6 to 35 mm ²	1.5 to 35 mm ²	16 to 50 mm ²	25 to 95 mm ²				
Tightening torque	8 N.m	4 N.m	1 P: 9 N.m	4 P: 5 N.m	14 N.m				

PE104499



PE500924



IEC 60947-7-1, IEC 61439-2

Description

- Downstream circuits are connected from the front, to spring terminals.
- Contact pressure automatically adapts to the size of the conductor.
- Contacts are insensitive to vibrations and thermal variations.
- Only one cable (flexible or rigid) can be inserted per terminal.

Quick distribution blocks

Number of poles		4P, incomers from top	4P, incomers from bottom
		 PE104600	 PE104499
Rated operational current at 40°	(Ie)	63 A	63 A
Rated conditional short-circuit current of an assembly	(Isc)	The reinforced breaking capacity due to cascading in circuit breaker combinations is maintained. The worst-case situations have been tested.	The reinforced breaking capacity due to cascading in circuit breaker combinations is maintained. The worst-case situations have been tested.
Rated insulation voltage	(Ui)	500 V AC	500 V AC
Rated operational voltage	(Ue)	440 V AC	440 V AC
Rated impulse withstand voltage	(Uimp)	6 kV	6 kV
Rated short-time current Icw	(Icw)		
Rated operational frequency		50/60 Hz	50/60 Hz
Degree of protection		IPxxB	IPxxB
Incoming terminals		1 tunnel terminal 25 ² /ph	1 tunnel terminal 25 ² /ph
Total connection capacity, outgoing terminals		24 connections: 4 x 6 ² /phase 12 x 6 ² /neutral	24 connections: 4 x 6 ² /phase 12 x 6 ² /neutral
Dimensions (H x W x D)		96.5 x 72 x 62 8 x 9 mm pitch	96.5 x 72 x 62 8 x 9 mm pitch
Installation		Clipped onto a DIN rail	Clipped onto a DIN rail
Other			
Standard for installation inside Prisma		IEC 61439-2	IEC 61439-2
Glow-wire 60695-2-11		960°C	960°C
Degree of pollution		3	3
References		04040	04041

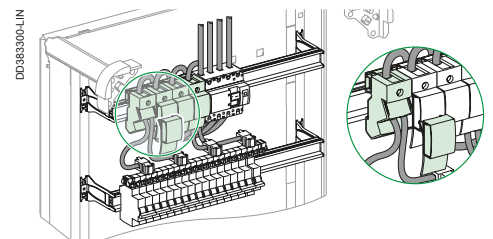
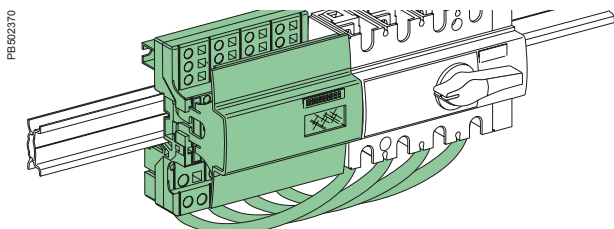
Accessories

References	-	-
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Advantages

- A reliable electrical connection, no maintenance required (tightness guaranteed over time)
- Quick connection
- Easy phase balancing
- Ease of rewiring if the switchboard is expanded or modified

4P		1P
		
125 A	160 A	160 A
20 kA/60 ms max according to IEC 61439-1	20 kA/60 ms max according to IEC 61439-1	32 kA
750 V	750 V	750 V
690 VAC	690 VAC	690 VAC
8 kV	8 kV	8 kV
4.5 kA rms/1s	4.5 kA rms/1s	
50/60 Hz	50/60 Hz	50/60 Hz
IPxxB	IPxxB	IPxxB
1 tunnel terminal 35 ² /ph	1 tunnel terminal 35 ² /ph	1 tunnel terminal 70/ph
52 connections: 7 x 4 ² /phase 3 x 6 ² /phase 2 x 10 ² /phase 1 x 16 ² /phase (screw terminal)	52 connections: 7 x 4 ² /phase 3 x 6 ² /phase 2 x 10 ² /phase 1 x 16 ² /phase (screw terminal)	6 connections: 6 x 16 ² /phase
127 x 108 x 48 8 x 9 mm pitch	127 x 108 x 48 8 x 9 mm pitch	95 x 36 x 70 4 x 9 mm pitch
Screwed to plain or slotted backplate or onto DIN rail	Screwed to plain or slotted backplate or onto DIN rail	Onto DIN rail
Possible to combine 2 terminal blocks (2nd terminal block supplied from enclosed terminals in the 1st, I _{max} of 2nd terminal block: 80 A)	Possible to combine 2 terminal blocks (2nd terminal block supplied from enclosed terminals in the 1st, I _{max} of 2nd terminal block: 80 A)	
IEC 61439-2	IEC 61439-2	IEC 61439-2
960°C	960°C	960°C
3	3	3
04045	04046	04031
(4 x 125 A flexible connectors)		Copper spacer (batch of 4)
04047		04037



PB103812





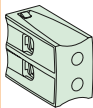
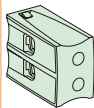
IEC 60947-7-1, IEC 61439-1 & 2

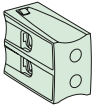
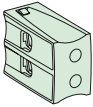
Description

■ The Linergy DP Quick distribution block is designed for installation directly downstream of Compact NSX and INS up to 250 A. It can also be clipped onto a modular rail.

Advantages

- It is quick to mount in the horizontal position. Electrical connections are made directly to the device terminals.
- It is the same width as the devices and does not take up any additional space in the switchboard.
- The connection terminals are slanted to facilitate cable entry and avoid exceeding the bending radius of the flexible and rigid cables.

Quick distribution blocks for compact devices			Additional block	
Number of poles	3P	4P	3P	4P
				
Rated operational current (Ie)	250 A	250 A	250 A	250 A
Rated peak withstand current (Ipk)	32 kA	32 kA		
Total connection capacity, outgoing terminals	27 connections: 6 x 10 ² /phase 3 x 16 ² /phase	36 connections: 6 x 10 ² /phase 3 x 16 ² /phase	2 connections: 2 x 35 ² per pole	2 connections: 2 x 35 ² per pole
Incomer terminals	1 cable lug 120 mm ² per pole			
Dimensions (H x W x D)	105 x 138 x 63	140 x 138 x 64		
Installation	On mounting plate or DIN rail		On mounting plate	
Product certifications	ASEFA - KEMA			
Standard for installation inside Prisma	IEC 61439-1-2			
Glow-wire 60695-2-11	960 °C			
References	04033	04034	04155	04156

Accessories		
		
Description	2 x 35 ² 3P for Linergy DP 250 A	2 x 35 ² 4P for Linergy DP 250 A
References	04155	04156

Technical data

Common characteristics

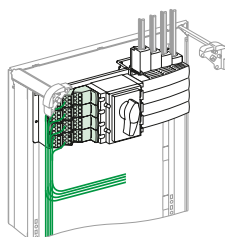
Rated conditional short-circuit current of an assembly (I _{cc})		The reinforced breaking capacity due to cascading in circuit-breaker combinations is maintained. The worst-case situations have been tested.
Rated insulation voltage (U _i)		750 V AC
Rated operational voltage (U _e)		690 V
Rated impulse withstand voltage (U _{imp})		8 kV
Network frequency		50/60 Hz
Degree of protection		IP \mathbb{B}
Degree of pollution		3
Overvoltage category		III

Additional technical characteristics

Reference temperature		40°C
Operating temperature		-25°C to 55°C

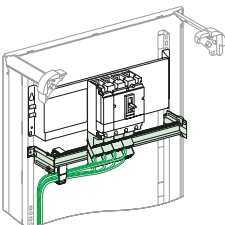
Installation

DD381346



It can also be mounted downstream of vertically mounted Compact **NSX100/250** and Interpact **INS250** devices in the enclosures. In this case, the Linergy DP is mounted on a depth-adjustable modular rail.

DD380780



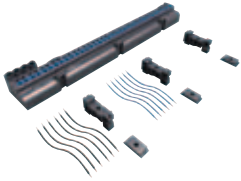
Directly on the mounting plates of horizontally mounted Compact **NSX100/250** and Interpact **INS250** devices in the enclosures.



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<hr/>	
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IEC 60947-7-1, IEC 61439-2

PE104505-50



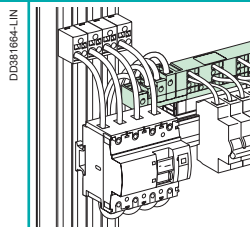
Description

- Distribution over full rows of modular devices.
- The distribution block is generally supplied by busbars in enclosures and cubicles.
- Easy phase balancing.
- Mix of devices and functions in the same row.
- Installation ≥ 160 A: clipped onto the back of a modular rail or screwed onto a solid or pre-slotted plate.

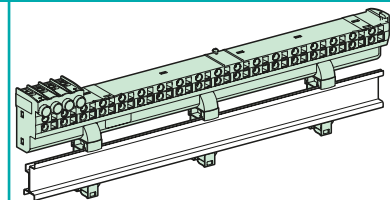
Distribution blocks

Number of poles	4P	4P
Rated peak withstand current (I _{pk})	63 A	80 A
Rated conditional short-circuit current (I _{sc}) of an assembly	15 kA	15 kA
Insulation voltage (U _i)	The cascading reinforced breaking capacity when combining circuit breakers is maintained. The worst-case scenarios have been tested. The characteristics are exactly right for the connected devices. Circuit breakers and switches still have their temperature derating curves, and their whole performance is maintained.	
Rated voltage (U _e)	500 V AC	500 V AC
Rated impulse withstand voltage (U _{imp})	440 V AC	440 V AC
Maximum current (I _{max})	6 kV	6 kV
Rated operational frequency	-	-
Degree of protection	50/60 Hz	IP20
Supply at incoming terminals	IPB Enclosed terminals for cables up to 25 mm ²	Enclosed terminals for flexible cables 6 to 25 mm ² or rigid cables 10 to 35 mm ²
Total connection capacity at outgoing terminals	Spring terminals: 4 for each phase (2 x 1 to 4 mm ² + 2 x 1 to 6 mm ²) 8 for the neutral (4 x 1 to 4 mm ² + 4 x 1 to 6 mm ²)	Spring terminals for rigid or flexible cables without ferrule: 6 for each phase (1 to 6 mm ²) 18 for the neutral (1 to 6 mm ²)
Width	24 9-mm pitches 12 18-mm modules	48 9-mm pitches 24 18-mm modules
Composition	Stripped copper connections (L=100 mm) 10 x 4 mm ² + 6 x 6 mm ²	Stripped copper connections (L=105 mm) 6 mm ² (12 blue + 12 black)
References	04008	04000

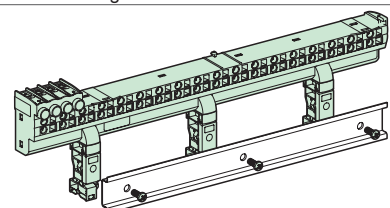
Installation



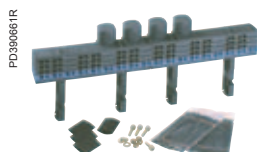
Clipped onto the back of a modular rail, or screw fixing.



Clipped onto the back of a modular rail, or screw fixing.



Can be mounted in Pragma Evolution enclosures and in Prisma Pack 160

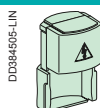


	4P	2P	3P	4P	4P
	160 A 27 kÅ	200 A 25 kÅ	200 A 25 kÅ	200 A 30 kÅ	200 A 27 kÅ
The cascading reinforced breaking capacity when combining circuit breakers is maintained. The worst-case scenarios have been tested.					
	750 V AC 690 V AC 8 kV	750 V AC 690 V AC 8 kV	750 V AC 690 V AC 8 kV		750 V AC 690 V AC 8 kV
	50 A for feeder for 10 mm ² cable/63 A for feeder for 2 10 mm ² cables				
	50/60 Hz				
	IP \bar{B}				
	Direct onto the row by cable 50 mm ² with crimped lug, or flexible bar 20 x 3 From Linergy BW insulated busbar in enclosure or cubicle with connection ref. 04021 From Linergy BS sheathed busbar with connection ref. 04024 From Linergy BS rear busbar with connection ref. 04029				
	6 connection points for each phase 9 connection points for the neutral	12 connection points for the phase and the neutral	12 connection points for each phase 18 connection points for the neutral		
	24 9-mm pitches 12 18-mm modules	48 9-mm pitches 24 18-mm modules			72 9-mm pitches 36 18-mm modules
	2 sachets with 12 stripped copper connections 10 mm ² (L=100 mm) Protective covers for power supply rows (IP \bar{B}) Fixing accessories for power supply rows				
	04018	04012	04013	04014	04026

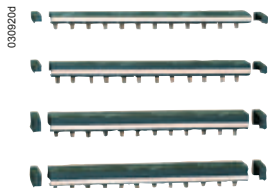
Connections to the distribution block

	4P 200 A connection (supplied with fixing accessories)	4P 200 A connection (supplied with fixing accessories)	4P 200 A connection (supplied with fixing accessories)	4P 160 A connection for Linergy FM 1/2 row
Allows power supply from	Linergy BW busbar	Linergy BS sheathed busbar	Linergy BS rear busbar	Switchgear
References	04021	04024	04029	04030

Spare parts



References	4 covers for 160/200 A Linergy FM rows 01202
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IEC 60664-1

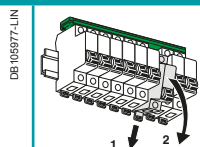
Description

Comb busbars make it easier to install Schneider Electric products.

- Supplied with 2 side plates, IP 2
- Outgoing feeders can be marked
- Cutting markings on the copper bars and the insulating material

C120, NG125		27 mm poles, cuttable			
Number of poles		1P	2P	3P	4P
	030920d				
		Supplied with 2 side plates, IP2 and 4 tooth cover end-pieces Outgoing feeders can be marked Cutting markings on the copper bars and the insulating material Unused teeth can be insulated with tooth covers			
Rated operational current at 40°C	(Ie)	125 A			
Rated conditional short-circuit current of an assembly	(Isc)	Compatible with the breaking capacity of Schneider Electric circuit breakers			
Insulation voltage	(Ui)	620 V			
Rated voltage	(Ue)	500 V			
Fire resistance to IEC 695-2-1		Self- ex tinguishing 960°C 30 s			
Colour		RAL 7016 (anthracite grey)			
Use					
		Power supply by connector recommended			
Number of 27 mm modules		16	16	15	16
Set of		1			
References		14811	14812	14813	14814

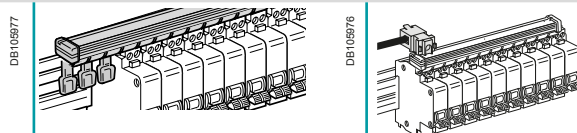
Installation



Comb busbars allow dismountability (1-2)

Accessories

Number of poles	1P, 2P, 3P, 4P	
	PG134071	030921d
	Tooth covers	Insulated connector
		Compatible with all Schneider Electric comb busbars Clip onto the comb busbar's insulating material, which gives them very great stability Receive clip-on markers allowing circuit identification
Use		
		For 25 mm ² semi-rigid cable
Set of	20	4
References	14818	14885
Installation		



IEC 60947-7-1, IEC 61439-2


PB502379



Description

Comb busbars make it easier to install Schneider Electric products.

- Can be sawn and cut in a single pass
- Supplied with two IP20 lateral end-pieces except for 57 module references
- The end-pieces are compulsory after cutting
- The phases are identified by symbols on each side of the comb busbar for installation in all positions
- Cutting marks on the insulating material
- The special comb busbars for circuit breakers with 9 mm auxiliaries have a 9 mm gap for inserting iOF and iSD

Acti 9 / Multi 9	18 mm poles, cuttable										
Number of poles	1P	2P	3P	4P	3 (N+P)	Aux+1P	Aux+2P	Aux+3P	Aux+4P	3 (Aux+1P)	3 (Aux+N+1P)
											
Rated operational current at 40°C (Ie)	100 A										
Rated conditional short-circuit current of an assembly (Isc)	Compatible with the breaking capacity of Schneider Electric circuit breakers										
Insulation voltage (Ui)	500 V										
Rated voltage (Ue)	415 V										
Fire resistance to IEC 695-2-1	Self-extinguishing 960°C 30 s										
Colour	RAL 7016 (anthracite grey)										
Use											
	Power supply by connector recommended										
Type	L1...	L1L2...	L1L2L3...	NL1L2L3...	NL1NL2... N. L3	Aux 1...	AuxL1L2...	AuxL1L2L3	AuxNL1... ...L2L3	AuxL1... ...AuxL2... ...AuxL3	AuxL1... ...AuxL2... ...AuxL3
Set of	1	1	1	1	1	1	1	1	1	1	1
References											
6 modules of 18 mm	A9XPH106	-	-	-	-	-	-	-	-	-	-
12 modules of 18 mm	A9XPH112	A9XPH212	A9XPH312	A9XPH412	A9XPH512	-	-	-	-	-	-
18 modules of 18 mm	-	-	-	-	A9XPH518	-	-	-	-	-	-
24 modules of 18 mm	A9XPH124	A9XPH224	A9XPH324	A9XPH424	A9XPH524	-	-	-	-	-	-
57 modules of 18 mm	A9XPH157	A9XPH257	A9XPH357	A9XPH457	A9XPH557	A9XAH157	A9XAH257	A9XAH357	A9XAH457	A9XAH657	A9XAH557

Installation




PB110259-40



PB110793-40

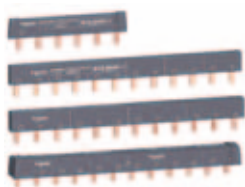


Accessories

Number of poles	1P	2P	3P	4P	-	-	-	
								
	End-pieces				Tooth covers		Connectors	
	Lateral end-pieces providing IP20 protection				Insulate teeth that have been left free		Monoconnect Double terminals Comb busbar power supply. Horizontal incomer on each side. For 35 mm ² cable. Tightening torque 4 N.m	
Set of	10	10	10	10	20	4	4	
References	A9XPE110	A9XPE210	A9XPE310	A9XPE410	A9XPT920	A9XPCM04	A9XPCD04	

IEC 60947-7-1, IEC 61439-2

PB502390



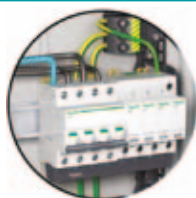
Description

Comb busbars make it easier to install Schneider Electric products. The phases are identified by symbols on each side of the comb busbar. Dismountability of devices with Acti 9.

Acti 9 / Multi 9	18 mm poles, not cuttable				
Number of poles	1P	2P	3P	4P	3 (N+P)
Rated operational current at 40°C (Ie)	100 A				
Rated conditional short-circuit current of an assembly (Isc)	Compatible with the breaking capacity of Schneider Electric circuit breakers				
Insulation voltage (Ui)	500 V				
Rated voltage (Ue)	415 V				
Fire resistance to IEC 695-2-1	Self-ek inguishing 960°C 30 s				
Colour	RAL 7016 (anthracite grey)				
Use					
Type	Power supply by connector recommended				
Set of	L1	L1L2	L1L2L3	NL1L2L3	NL1NL2NL3
	1	1	1	1	1
References					
12 modules of 18 mm	A9XPM112	A9XPM212	A9XPM312	A9XPM412	A9XPM512

Installation

PB110230-40



PB110793-40



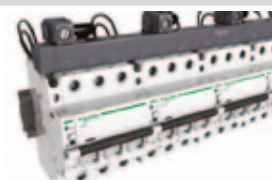
Accessories

	Tooth covers	Connectors	
	Insulate teeth that have been left free	Double terminals	Monoconnect
Use			
		Horizontal in-come on each side For 35 mm ² cable Tightening torque 4 N.m	
Set of	20	4	4
References	A9XPT920	A9XPCD04	A9XPCM04
Installation			

PB108162-38



PB108164-38



IEC 60439-1



Description


Comb busbars ensure:




- Easy, reliable mounting of 1P+N and 3P+N, TL, CT, ID, V, BP and Cm switchgear: tooth positioning opposite the device terminals is ensured by indexing of copper parts
- C60/ID Group Feeder comb busbars contain two different parts:
 - Connection of Group Feeder switchgear: C60 (3P+N) or ID (3P+N) circuit breaker in 18 mm modules, powered by cables, through the bottom, directly by the terminals
 - Connection of Clario, Prodis and Libro switchgear in 9 mm modules

PB502392



Acti 9 Ph+N		9 mm poles, cuttable					
Number of poles		1P+N			3P+N		
							
		21501			21505		
Complete comb busbars (supplied with 4 side plates and 1 tooth cover)							
Rated operational current at 40°C (Ie)		80 A					
Rated conditional short-circuit current of an assembly (Isc)		Compatible with the breaking capacity of Schneider Electric circuit breakers					
Insulation voltage (Ui)		440 V					
Rated voltage (Ue)		230 V (P4 + N) - 400 V (3Ph + N)					
Rated impulse withstand voltage (Uimp)		6 kV					
Degree of protection		IP20					
Fire resistance to IEC 695-2-1		Self-extinguishing 960°C 30 s					
Colour		RAL 7035					
Number of 18 mm modules	Comb busbar	12	18	24	12	18	24
	Tooth cover	3	3	6	3	3	6
References		21501	19512	21503	21505	09516	21507
Comb busbars alone							
Number of 18 mm modules	Comb busbar	48			48		
References		21089			21093		

C60/ID Group Feeder comb busbars alone		3P+N		
				
Rated operational current at 40°C (Ie)		80 A		
Rated conditional short-circuit current of an assembly (Isc)		Compatible with the breaking capacity of Schneider Electric circuit breakers		
Insulation voltage (Ui)		440 V		
Rated voltage (Ue)		230 V (P4 + N) - 400 V (3Ph + N)		
Rated impulse withstand voltage (Uimp)		6 kV		
Degree of protection		IP20		
Fire resistance to IEC 695-2-1		Self-extinguishing 960°C 30 s		
Colour		RAL 7035		
Number of 18-mm modules		12	48	48
Power supply		Through left-hand	Through left-hand	Through right-hand
References		10545	10546	10547

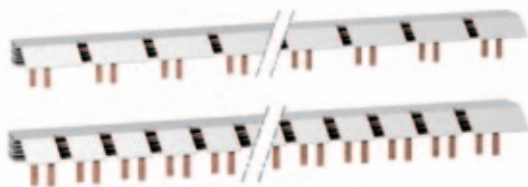
Accessories				
Number of poles	1P+N	3P+N		
				
	End-pieces	Tooth covers (3 x 18-mm modules)	Tooth covers (1 x 18-mm module)	Connectors (grey)
Set of	40	12	10	4
References	021094	021095	021096	010405
				021098

Linergy FH

Horizontal comb busbar for 9 mm pitch for Acti 9


IEC 60439-1





PB0502383



Description

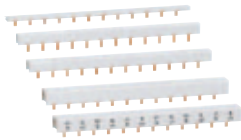
- Connection of Clario, Prodis and Libro switchgear in 9 mm modules
- The special comb busbars for circuit breaker have a gap of 9 mm for inserting OF, SD, OF-SD/OF aux liaries
- The comb busbars for 3P+N circuit breakers and aux liaries are compatible with Prisma switchboard
- 1P+N comb busbars with Prisma and Pragma 24

Acti 9		9 mm poles, cuttable			
Number of poles		1P+N	3P+N	1P+N	3P+N
					
		A9N21036		Comb busbars DPN Vigi	
Rated operational current at 40°C (Ie)		63 A			
Rated conditional short-circuit current of an assembly (Isc)		Compatible with the breaking capacity of Schneider Electric circuit breakers			
Insulation voltage (Ui)		500 V			
Rated voltage (Ue)		230 V (P4 + N) - 400 V (3Ph + N)			
Degree of protection		IP20			
Fire resistance to IEC 695-2-1		Self-ek inguishing 960°C 30 s			
Colour		RAL 7035			
Number of 18-mm modules		56	56	56	56
References		A9N21035	A9N21036	A9N21037	A9N21038

Accessories					
Number of poles	1P+N	3P+N			
					
	End-pieces	Connectors (grey)	Neutral connectors (blue)	Tooth cover (1 x 18 mm module)	
Set of	20	10	10	10	
References	A9N21039	A9N21040	A9N21041	A9N21042	A9N21050

IEC 60439-1, IEC60664

PB101625-35



Description

Comb busbars:

- Ensure easy reliable mounting of switchgear: tooth positioning opposite the device terminals is ensured by indexing of copper parts.
- Can be sawn and cut.
- Are supplied with two IP20 lateral end-pieces (the end-pieces are compulsory).
- Unused teeth can be insulated with tooth covers.

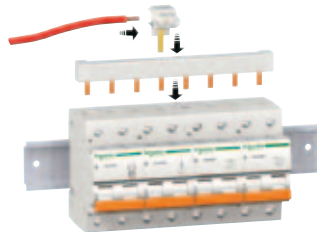
Domae		18 mm poles, cuttable									
Number of poles		1P	2P	3P	4P	L1N/L2N/L3N					
Rated operational current at 40°C (Ie)		63 A									
Rated conditional short-circuit current of an assembly (Isc)		Compatible with the breaking capacity of Schneider Electric circuit breakers									
Insulation voltage (Ui)		500 V									
Rated voltage (Ue)		Ph/N 230 V AC									
		Ph/Ph 400 V AC									
Fire resistance to IEC 695-2-1		Self-extinguishing 850°C 30 s									
Colour		RAL 7035									
Power supply		By 16 mm ² semi-rigid or 10 mm ² flexible cable With connector									
Number of 18 mm modules		12	57	12	57	12	57	12	57	57	
References		10387	10388	10389	10390	10391	10392	10393	10394	10395	

PB502372








Installation

PB101630_SE-40



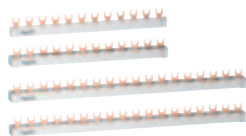
Accessories

					
Type	Connectors (4, 35 mm ²)	End-pieces (2 phases)	End-pieces (3 phases)	End-pieces (4 phases)	Tooth covers
Set of	1	10	10	10	10
References	10397	10398	10399	10405	10396

Linergy FH

Horizontal biconnect comb busbar for 18 mm pitch

PB602361



IEC60664-1

Description

Distribution and sub-distribution of the electric power supply
Fast assembly and disassembly of connected devices

Horizontal biconnect comb busbar		18 mm poles, cuttable											
Number of poles		1P			2P			3P			4P		
Rated operational current at 40°C (Ie)		63 A											
Rated conditional short-circuit current of an assembly (Isc)		Compatible with the breaking capacity of Schneider Electric circuit breakers											
Insulation voltage (Ui)		500 V											
Rated voltage (Ue)	Ph/N	230 V AC											
	Ph/Ph	400 V AC											
Fire resistance to IEC 695-2-1		Self-extinguishing 960°C 30 s											
Colour		RAL 7035 (grey)											
Use													
Type		Power supply: into box lug (25 mm ² rigid or 16 mm ² flexible) or by connector (35 mm ² rigid or 25 mm ² flexible with ferrule)											
Number 18 mm, modules		L1			L1L2			L1L2L3			L1L2L3L4		
Set of		12	18	57	12	18	57	12	18	57	12	18	57
References		R9XFH112	R9XFH118	R9XFH157	R9XFH212	R9XFH218	R9XFH257	R9XFH312	R9XFH318	R9XFH357	R9XFH412	R9XFH418	R9XFH457

Installation

DB409995






Horizontal biconnect comb busbar		18 mm poles, cuttable												
Number of poles		4P												
Rated operational current at 40°C (Ie)		63 A												
Rated conditional short-circuit current of an assembly (Isc)		Compatible with the breaking capacity of Schneider Electric circuit breakers												
Insulation voltage (Ui)		500 V												
Rated voltage (Ue)	Ph/N	230 V AC												
	Ph/Ph	400 V AC												
Fire resistance to IEC 695-2-1		Self-extinguishing 960°C 30 s												
Colour		RAL 7035 (grey)												
Use														
Type		NL1L2L3L4 - NL1NL2NL3						NL1NL2NL3						
Number 18 mm, modules		18						18						57
Set of		1						1						1
References		R9XFH518G						R9XFH518						R9XFH557

Installation

DB409995



Accessories

Number of poles	1P	2P	3P	4P			
							
	End-pieces			Tooth covers			Connectors
Set of	10			20			4
References	R9XE110	R9XE210	R9XE310	R9XE410	R9XT20	R9XFC04	

PB502384



IEC 60664-1

Description

Provide a 2P supply to the main incomers from one row to the next :

- Centre line between rows: 125 mm or 150 mm
- Distances between terminals: 9 mm or 18 mm pitch

Vertical comb busbars

PB106071_40



PB106063_40



PB106072_40



PB106073_40



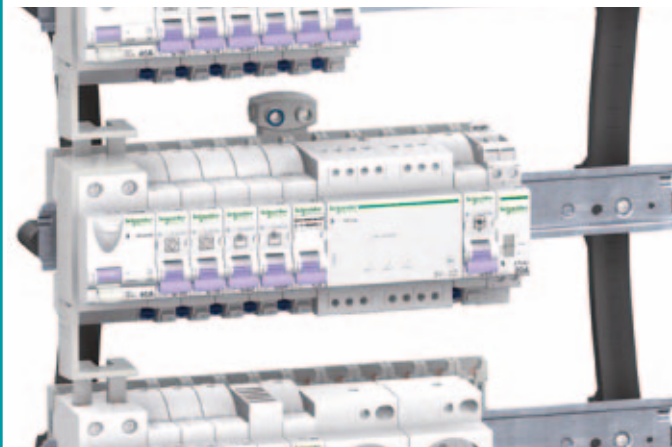
PB106074_40



	Direct power supply to circuit breaker or residual current circuit breaker terminals				
Rated operational current at 40°C (Ie)	80 A				
Rated conditional short-circuit current of an assembly (Isc)	Compatible with the breaking capacity of Schneider Electric circuit breakers				
Insulation voltage (Ui)	500 V				
Rated voltage (Ue)	415 V				
Fire resistance to IEC 695-2-1	Self-extinguishing 850°C 30 s				
Distance between upstream terminals	9 mm	18 mm	18 mm	9 mm	18 mm
Distance between downstream terminals	9 mm	9 mm	18 mm	9 mm	18 mm
Centre line between rows	125 mm			150 mm	
Colour	RAL 7035 (light grey)			RAL 7016 (anthracite grey)	
References	14900	14909	14910	14901	14911

Installation

PB502377



IEC 61439-1 & 2

PE390569

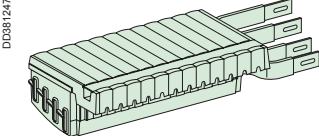
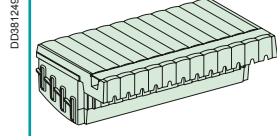
PE390570



Description

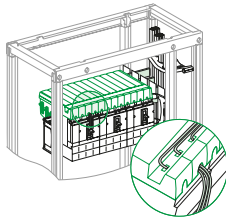
Linergy FC is an insulated horizontal distribution block, directly connected to the mounting plate.

- The design and small size blend perfectly with the devices.
- It can be supplied by flat or Linergy busbars positioned to the left or right.
- Fully insulated, Linergy FC contributes to the safety of people and property.
- Numerous well distributed vents ensure natural convection and optimum cooling of the conductors.
- The circuit breakers can be easily connected from the front. It is simple to replace a device or to add a device in a reserve slot.
- There are markings (N, L1, L2, L3) on the front and the sides for the phases.
- The running of auxiliary cables between the devices and the corresponding terminal blocks is also taken into account. Spacious trunking is built into the blocks for the auxiliary wiring.
- It can supply 3 compact 4P, or 4 compact 3P, whatever the rating (from 100 to 250 A) and the operating systems (toggle, rotary handle, motor mechanism), whether fixed or plug-in, front or rear connection.

	Fixed Compact NSX100/250 with toggle and Interpact INS250		Fixed/plug-in Compact NSX, all operating systems ^{(1) (2)}			
Number of poles	4P	3P	4P	3P	4P	3P
						
Connection to	Linergy FC with pre-wired connectors Linergy LGY busbars		Linergy FC with pre-wired connectors Flat Linergy BS or Linergy LGY busbars		Linergy FC without connectors ⁽³⁾ Linergy BS or Linergy LGY, LGYE busbars	
Number of devices	4	3	4	3	4	3
Composition	Self-adhesive labels to mark the phases for connections to the busbars					
References	04403	04404	04405	04406	04407	04408

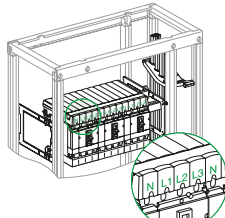
Installation

DD381251-LIN



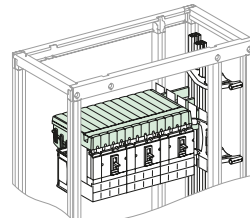
Auxiliary wires running in the built-in trunking.

DD381252-LIN



Phase marking on the front of the distribution block.

DD381250-LIN



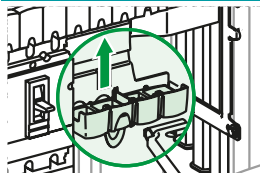
(1) For plug-in Compact NSX circuit breakers, order the adapter **LV429306** (3P) or **LV429307** (4P) with the base.

(2) The connection of a Linergy FC distribution block using pre-wired connectors or insulated flexible bars is not compatible with Form 2 partitioning (**04922**). In this case, use the form 2 restoration kit (**04924**): see the Prisma P catalogue.

(3) Make the connection with flexible bars, 32 x 8 mm (**04753**): see the Prisma P catalogue.

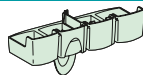
Accessories

DD383594-LIN



References

DD381255-LIN



Tooth covers

The covers block off the reserve terminals on a Linergy FC four-pole distribution block. Made of an insulating material, they simply clip on from the front.

04809

Technical data

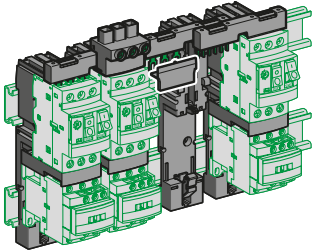
Common characteristics	
Rated operational current at 40° (In)	Distribution block derating follows the normal derating curves of Compact NSX and INS devices
Rated insulation voltage (Ui)	750 V
Rated operational voltage (Ue)	690 V
Rated impulse withstand voltage Uimp	8 kV
Rated peak withstand current (Ipk)	50 kA rms
Rated conditional short-circuit current of an assembly	Short-circuit withstand current compatible with the breaking capacity of the Compact NSX circuit breakers connected to the distribution block
Reference temperature	40°C
Operating temperature	60°C

Linergy FC selection table for special cases

In (A) depending on the temperature inside the switchboard								
Temperature (°C)		40	45	50	55	60	65	70
I _{nc} (A)	3P	800	800	775	750	725	700	675
	4P	675	675	655	635	615	595	570

- To obtain the maximum permissible current for the Linergy FC distribution block, apply the rated diversity factor RDF:
- 3P: RDF = 0.8
- 4P: RDF = 0.9

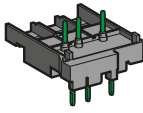
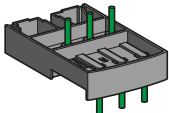
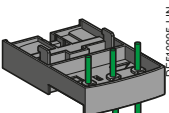
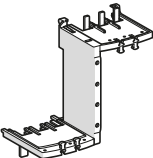
PE502399



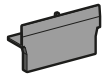
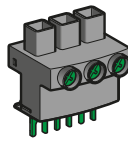
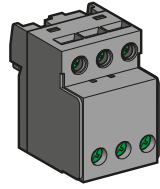
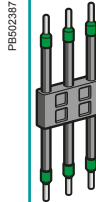
Description

It is much easier to create protection and control blocks, thanks to a range of accessories. These can be used to:

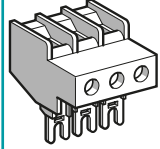
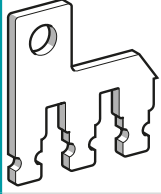
- Supply power to a group of blocks (combs and connection blocks GV2 G ●)
- Fix a fuse-carrier and a contactor on top of one another (mounting plate LAD 311)
- Interconnect a fuse-carrier and its contactor (rigid wiring modules GV2 AF ●, LAD 3 ●)
- Using them creates considerably more space in the switchboard and reduces the wiring time

	Combination blocks			S-shape busbars	115 A busbars for connecting contactors in parallel	
						
	Between GV2 and contactor LC1 K or LP1 K	Between GV2 and contactor LC1 D09... D38	Between GV2 mounted on LAD 311 and contactor LC1 D09... D38	For circuit-breakers GV3 P ●● and GV3 L ●● and contactors LC1 D40AD. 65A	Contactors LC1 D40AD. 65A	
Set of	10	10	10		2	3
References	GV2 AF01	GV2 AF3	GV2 AF4	GV3 S	GV3 G264	GV3 G364

Accessories

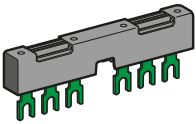
				
	Protective end cover	Terminal block for supply to one or more GV2 G busbar sets	Cover for terminal block	Flexible 3-pole connecting a GV2 to a contactor LC1-D09... D25
	For unused busbar outlets	Connection from the top	For mounting in modular panels	Centre distance between mounting rails: 100... 120 mm
Set of	5	1	10	10
References	GV1 G10	GV1 G09	LA9 E07	GV1 G02

Accessories for main pole and control connections

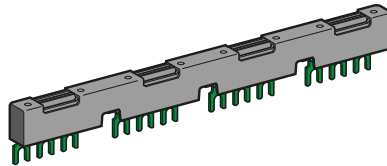
Number of poles	4-pole 10 mm ²	3-pole 25 mm ²	2-pole					
								
	Connectors for cable, size (1 connector)		Links for parallel connection of					
For use with contactors LC1	(~) DT20, DT25	D09D. 38	D09D. 38	DT20, DT25 (4P)	DT32, DT40 (4P)	D40AD. 65A	D80, D95	
	(=) DT20, DT25	D09D. 38	D09D. 38	DT20, DT25 (4P)	DT32, DT40 (4P)	D40AD. 65A	D80	
Set of	1	1	10	10	10	1	2	
References	LAD 92560	LA9 D3260	LA9 D2561	LA9 D1261	LAD 96061	LAD 9P32	LA9 D80961	

Sets of 3-pole 63 A busbars

PB502384

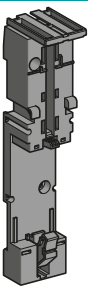


PB502385



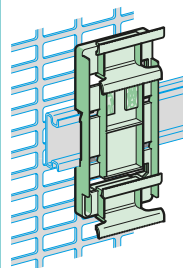
2 tap-offs			3 tap-offs		4 tap-offs		5 tap-offs	
Pitch mm								
45	54	72	45	54	45	54	72	54
GV2 G245	GV2 G254	GV2 G272	GV2 G345	GV2 G354	GV2 G445	GV2 G454	GV2 G472	GV2 G554

PB502388

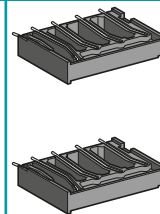


Adapter plates	Height compensation plate	Motor starter adapter plate	Connections upstream/downstream
For mounting a GV2 ME or GV2 P and contactor LC1 D09... D38 with front faces aligned	7.5 mm	With 3-pole connection for mounting a GV2 and a contactor LC1 D09... D25	For connecting GV2 ME to a printed circuit board
1	10	1	10
LAD 311	GV1 F03	GK2 AF01	GV2 GA01

PB502386

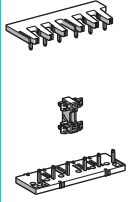
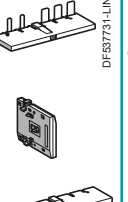
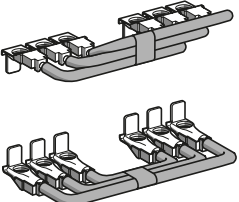


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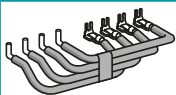
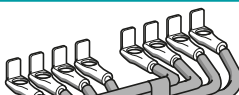


3-pole		4-pole		
D09D. 38	D40AD. 65A	D80, D95	DT20, DT25	D80, D95
D09D. 38	D40AD. 65A	D80, D95	DT20, DT25	D80
10	1	1	2	2
LAD 9P3	LAD 9P33	LA9 D80962	LA9 D1263	LA9 D80963

For 3-pole reversing contactors

										
	LAD 9R1		LAD 9R3		LA9 D8069					
	Kits for assembly of reversing contactors								Power connections	
Composition	<ul style="list-style-type: none"> ■ A mechanical interlock LAD 9V2 with electrical interlock LAD 9V1 ■ A set of power connections LAD 9V5 (parallel) and LAD 9V6 (reversing) 		<ul style="list-style-type: none"> ■ A mechanical interlock LAD 9V2 without electrical interlock ■ A set of power connections LAD 9V5 (parallel) and LAD 9V6 (reversing) 		<ul style="list-style-type: none"> ■ A mechanical interlock LAD 4CM ■ A set of power connections LA9 D65A69 		<ul style="list-style-type: none"> ■ A set of parallel bars ■ A set of reverser bars 			
For contactors	LC1 D09 to D38		LC1 D40A to D65A		LC1 D09 to D38 with screw terminals or connectors	LC1 D09D. 32 with spring terminal connections	LC1 D40A to D65A	LC1 D80 and D95 (~)	LC1 D80 and D95 (—)	LC1 D115 and D150
References	LAD 9R1V	LAD 9R1	LAD 9R3	LAD 9R3	LAD 9V5 + LAD 9V6	LAD 9V12 + LAD 9V13	LA9 D65A69	LA9 D8069	LA9 D8069	LA9 D11569

For 4-pole changeover contactor

										
			LA9 D6570				LA9 D8070			
	Kits for assembly of changeover contactor pairs								Sets of power connections	
Composition	<ul style="list-style-type: none"> ■ A mechanical interlock LAD 9V2 with electrical interlock LAD 9V1 ■ A set of power connections (changeover) LAD 9V7 		<ul style="list-style-type: none"> ■ A mechanical interlock LAD 9V2 without electrical interlock ■ A set of power connections (changeover) LAD 9V7 		Comprising a set of parallel bars					
For contactors	LC1 DT20 to DT40 with screw terminals or connectors		LC1 DT60A and DT80A	LC1 D80004	LP1 D80004	LC1 D115004	LC1 DT203 to DT403 with spring terminals	LC1 D80004	LP1 D80004	
References	LAD T9R1V	LAD T9R1	LA9 D65A70	LA9 D8070	LA9 D8070	LA9 D11570	LAD 9V9	LA9 D8070	LA9 D8070	

For star-delta starter

- 1 time delay contact block LAD S2 (LC1 D09D. 80)
- Power circuit connections (LC1 D09D. 80)
- Hardware required for fixing the contactors onto the mounting plate (LC1 D80)

LC1 D09 and D12	LC1 D18 to D32	LC1 D40A and D50A	LC1 D80	Equipment mounting plates			
LAD 91217	LAD 93217	LAD 9SD3	LA9 D8017	LC1 D09, D12 and D18 LA9 D12974	LC1 D32 LA9 D32974	LC1 D40A and D50A -	LC1 D80 LA9 D80973

For 3-pole changeover contactor pairs

Mechanical interlocks

Without integral electrical interlock

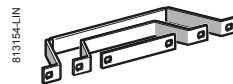
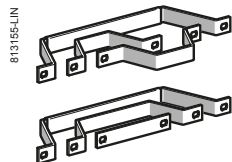
With integral electrical interlock

Sets of power connections

Comprising a set of parallel bars

LC1 D40AD. 65A LAD 9R3S	LC1 D115 and D150 LA9 D11502	LC1 D115 and D150 LA9 D11571
----------------------------	---------------------------------	---------------------------------

Components for assembling 3-pole reversing contactors and changeover contactor pairs

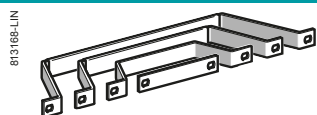


3-pole reversing contactors for motor control

3-pole changeover contactor pairs

Horizontal mounting	LC1 F115	LC1 F150	LC1 F185	LC1 F225	LC1 F265	LC1 F330	LC1 F400	LC1 F500	LC1 F630 or F800
For assembly of 3-pole reversing contactors for motor control References	LA9 FF976	LA9 F15076	LA9 FG976	LA9 F22576	LA9 FH976	LA9 FJ976	LA9 FJ976	LA9 FK976	LA9 FL976
For assembly of 3-pole changeover contactor pairs References	LA9 FF982	LA9 F15082	LA9 FG982	LA9 F22582	LA9 FH982	LA9 FJ982	LA9 FJ982	LA9 FK982	LA9 FL982

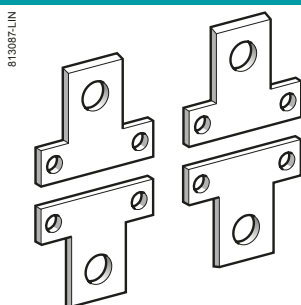
Components for assembling 3 and 4-pole changeover contactor pairs



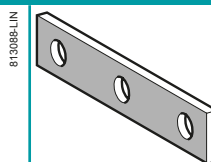
4-pole changeover contactor pairs

Horizontal mounting	LC1 F1154	LC1 F1504	LC1 F1854	LC1 F2254	LC1 F2654	LC1 F3304	LC1 F4004	LC1 F5004	LC1 F6304
Set of power connections References	LA9 FF977	LA9 F15077	LA9 FG977	LA9 F22577	LA9 FH977	LA9 FJ977	LA9 FJ977	LA9 FK977	LA9 FL977

Accessories



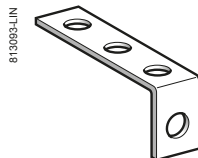
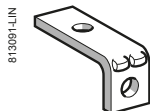
LA9 602



LA9 F 601

	Links for parallel connection of poles (in pairs)					Links for 3-pole star connection of 3 poles				
	LC1 F1154	LC1 F1504, F1854	LC1 F2254, F2654, F3304, F4004	LC1 F5004	LC1 F6304	LC1 F115	LC1 F150, F185	LC1 F225, F265, F330, F400	LC1 F500	LC1 F630, F800
References	LA9 FF602	LA9 FG602	LA9 FH602	LA9 FK602	LA9 FL602	LA9 FF601	LA9 FG601	LA9 FH601	LA9 FK601	LA9 FL601

Right-angled connectors

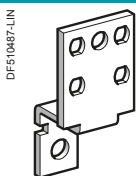


LA9 F ● 981

LA9 F ● 979

Connectors	LA9 F ● 981			LA9 F ● 979			LA9 F ● 981		
Contactors	LC1 F115			LC1 F150, F185			LC1 F225, F265, F330, F400		
Thermal overload relays	LR9 F5 ● 67, LR9 F67			LR9 F5 ● 69, F5 ● 71, LR9 F69, F71			LR9 F7 ● 75, LR9 F75		
Width (mm)	15			20			25		
Type	Rear	Side	Large surface area	Rear	Side	Large surface area	Rear	Side	Large surface area
References	LA9 FF981	LA9 FF979	LA9 FF980	LA9 FG981	LA9 FG979	LA9 FG980	LA9 FJ981	LA9 FJ979	LA9 FJ980

Right-angled connectors



LA9 FL980

Connectors	LA9 FL980			LA9 FL980		
Contactors	LC1 F500			LC1 F630, F800		
Thermal overload relays	LR9 F7 ● 79, F7 ● 81, LR9 F79, F81			LR9 F7 ● 81, LR9 F81		
Width (mm)	30			40		
Type	Rear	Side	Large surface area	Rear	Side	Large surface area
References	LA9 FK981	LA9 FK979	LA9 FK980	LA9 FL981	LA9 FL979	LA9 FL980

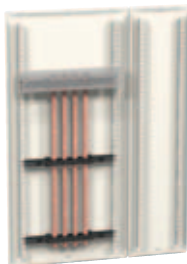
Accessories

Connectors	LC1 F115	LC1 F150 and F 185	LC1 F185	LC1 F225 and F265		LC1 F330 and F400	LC1 F400	LC1 F500	LC1 F630, F800
Thermal overload relays	LR9 F5 ● 57, F5 ● 63, LR9 F5 ● 67, F5 ● 69, LR9 F69, F71	LR9 F5 ● 57, F5 ● 63	LR9 F5 ● 71, LR9 F71	LR9 F5 ● 71, LR9 F71	LR9 F7 ● 75, F ● 79, LR9 F75, F79	LR9 F7 ● 75, F7 ● 79, LR9 F75, F79	LR9 F7 ● 81, LR9 F81	LR9 F7 ● 75, F7 ● 79, LR9 F7 ● 81, LR9 F75, F79, F81	LR9 F7 ● 81, LR9 F81
Width (mm)	15	20	25	25	25	25	25	30	40
References	LA7 F401	LA7 F402	LA7 F407	LA7 F403	LA7 F404	LA7 F404	LA7 F404	LA7 F405	LA7 F406



Linergy BS	44
Rear flat busbars up to 400 A	44
Multi-stage busbars up to 630 A	45
Multi-stage distribution block up to 630 A	46
Common accessories up to 630 A	47
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Linergy BW	48
Insulated busbars up to 630 A	48
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Linergy LGY, LGYE, BS	50
Selection guide up to 4000 A	50
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Linergy LGY, LGYE, BS	51
Lateral	51
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Linergy LGY, BS	54
Rear	54
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Linergy LGYE, BS	56
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PD39652-SE

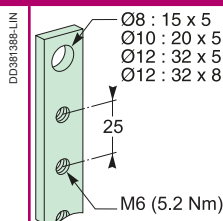


IEC 61439-1 & 2

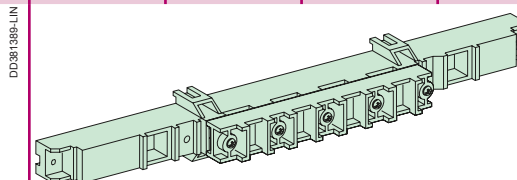
Description

The busbar can be 3-pole or 4-pole with ratings between 160 A and 400 A. 2 lengths are available: 1000 and 1400 mm, which can be cut as required. The number of supports depends on the installation maximum rated current.

160 to 400 A copper busbars

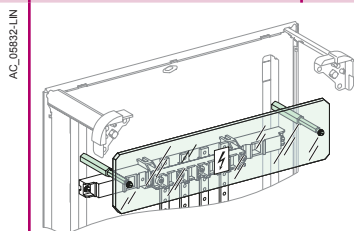


	160 A	250 A	400 A			
Rated peak withstand current (I _{pk})	30 kÅ	40 kÅ	55 kÅ			
Rated insulation voltage (U _i)	1000 V	1000 V	1000 V			
Rated short-time current (I _{cw})	10 kA rms/1s	13 kA rms/1s	25 kA rms/1s			
Conductor cross-section	15 x 5 mm	20 x 5 mm	32 x 5 mm			
Installation	Threaded M6 holes every 25 mm all the way up Connection by: 16 to 50 mm ² flexible cables with crimped lugs					
Set of	4					
Length (mm)	1000	1400	1000	1400	1000	1400
References	04161	04171	04162	04172	04163	04173



Insulating busbar support ⁽¹⁾

Distance between supports depending on I _{cw} /I _{pk} ⁽²⁾	≤ 10 kA rms/1 s/30 kÅ	≤ 13 kA rms/1 s/40 kÅ	≤ 15 kA rms/1 s/40 kÅ	≤ 20 kA rms/1 s/45 kÅ	≤ 25 kA rms/1 s/55 kÅ
	450 mm	450 mm	450 mm	450 mm	300 mm
	-	450 mm	450 mm	-	225 mm
Installation	On the rear uprights Screwed onto a solid or pre-slotted plate (fixing centres 450 x 200 mm)				
References	04191	04191	04191	04191	04191



IPxxB insulating protective shield

Length	470 mm	470 mm	470 mm
Height	100 mm	100 mm	100 mm
Composition	Supplied with fixings		
References	04198	04198	04198

(1) The supports allow installation of a 5th busbar with 15 or 20 x 5 mm cross-section to create the earth collector.

(2) Linery FM 200 A distribution blocks with connections ref. 04029 can act as intermediate supports (max distance apart 200 mm) in addition to the support ref. 04191 at the top and bottom.

PD306533_SE

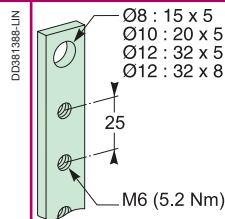


IEC 61439-1 & 2

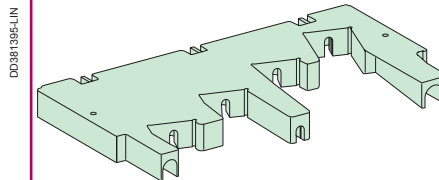
Description

Multi-stage busbars are installed in a sheath L = 300 mm.
We strongly recommend dividing the current between 2 cubicles or enclosures joined on either side.
All the connection points are easily accessible from the front.
The busbar orientation makes them easier to tighten and facilitates running the cables between them.
The current can be 3-pole or 4-pole with ratings between 160 A and 630 A.
2 lengths are available: 1000 and 1400 mm, which can be cut as required.
The number of supports depends on the installation maximum rated current.

160 to 630 A copper busbars



	160 A	250 A	400 A	630 A				
Rated peak withstand current (I _{pk})	30 kÅ	40 kÅ	55 kÅ	55 kÅ				
Rated insulation voltage (U _i)	750 V	750 V	750 V	750 V				
Rated short-time current (I _{cw})	10 kA rms/1s	13 kA rms/1s	15, 20 kA rms/1s	25 kA rms/1s				
Supply at incoming terminals	Connection by: 16 to 50 mm ² flexible cables with crimped lugs							
Conductor cross-section	15 x 5 mm	20 x 5 mm	32 x 5 mm	32 x 8 mm				
Installation	Flat copper busbar with threaded M6 holes every 25 mm all the way up							
Set of	4							
Length (mm)	1000	1400	1000	1400	1000	1400	1000	1400
References	04161	04171	04162	04172	04163	04173	Pending	04174

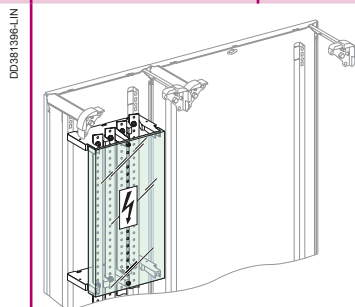


Insulating busbar support ⁽¹⁾

Support fixing centres in accordance with I _{cw} /I _{pk} ⁽²⁾	≤ 10 kA rms/1 s/30 kÅ	≤ 13 kA rms/1 s/40 kÅ	≤ 15 kA rms/1 s/40 kÅ	≤ 20 kA rms/1 s/45 kÅ	≤ 25 kA rms/0.6 s/55 kÅ	≤ 25 kA rms/1 s/55 kÅ
450 mm	450 mm	450 mm	450 mm	450 mm	450 mm	450 mm
-	450 mm	450 mm	450 mm	450 mm	450 mm	450 mm
-	-	-	300 mm	300 mm	300 mm	300 mm
-	-	-	300 mm	-	-	300 mm
-	-	-	-	-	-	300 mm

Installation: Installation on functional uprights in Prisma.
Screwed onto a solid or pre-slotted plate (450 x 200 mm fixing centres)

References	04192	04192	04192	04192
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IPxxB insulating protective shield

Length	250 mm	250 mm	250 mm	250 mm
Height	1500 mm	1500 mm	1500 mm	1500 mm
Composition	Fixing accessories supplied with support ref. 04192			
References	04197	04197	04197	04197

PDD06659R



IEC 61439-1 & 2

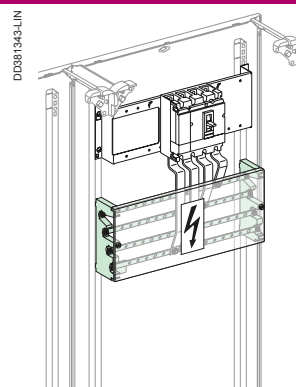
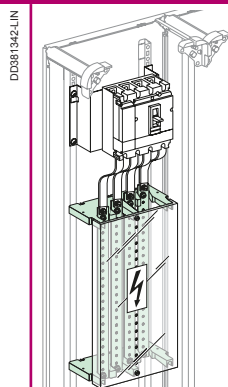
Description

The distribution block can be installed horizontally in the device zone or vertically in the 300 mm wide duct of enclosures and cubicles.

The distribution block is made up of:

- two staggered supports made of an insulating material
- four slanted copper bars with holes every 25 mm

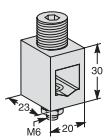
Multi-stage distribution blocks



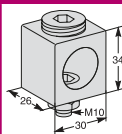
	160 A	250 A	400 A	630 A
Rated peak withstand current (I _{pk})	30 kA	30 kA	40 kA	40 kA
Rated insulation voltage (U _i)	750 V AC			
Rated operational voltage (U _e)	440 V			
Rated impulse withstand voltage (U _{imp})	8 kV			
Rated short-time current (I _{cw})	10 kA rms/1 s	13 kA rms/1 s	20 kA rms/1 s	25 kA rms/1 s
Total connection capacity	4 incomers per phase: ø 12.2 mm clearance holes 13 outgoing per phase 16 to 50 mm ² : M6 tapped holes			
Busbar cross-section	15 x 5 mm	20 x 5 mm	32 x 5 mm	32 x 8 mm
Dimensions (mm)				
Installation	Screwed in horizontal position on functional uprights in enclosures and cubicles (Prisma G) Screwed in vertical position on sheathed uprights (Prisma G) Screwed onto a solid or pre-slotted plate (fixing centres 450 x 200 mm) Screwed onto adapter ref. 03595 (Prisma P)			
Composition	2 multi-stage supports made of an insulating material 4 slanted copper busbars, with holes every 25 mm 1 pack of 36 M6 x 16 screws + contact washers 1 IPB front insulating shield			
References	04052	04053	04054	04055

Incomer accessories

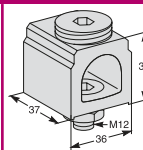
EE6852



EE6851



EE6850

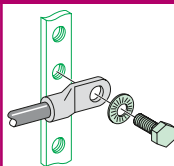


Connectors for copper or aluminium cables

Rated operational current at 40° (Ie)	160 A	250 A	400 A
Supply at incoming terminals	70 mm ² cables	16 to 185 mm ² cables	70 to 300 mm ² cables
Composition	Supplied with fixings at busbar end		
Set of	4		
References	07051	07052	07053

Outgoer accessories

DD081388-LIN



Class 8.8 fixings

Composition	20 M6 x 20 screws + 20 nuts + 40 contact washers	40 M6 x 16 screws + 40 contact washers
References	04194	04195

PD590337



Description

- Compact busbar, **IPxxB**, ready for installation (supplied complete with supports and end caps)
- Shaped busbar, threaded M6 with 25-mm pitch, can be cut with 200-mm pitch (150 mm for the 125 A)
- Busbar installed on insulating supports, screwed onto the rear uprights
- Wide selection of tested pre-wired connectors
- Clip-on covers to protect against direct contact (IP~~B~~). Can easily be cut to allow connections to pass through to the switchgear
- Ends protected by end caps

Lineryg BW busbar

		125 A		160 A		250 A		400 A		630 A	
Rated peak withstand current	(Ipk)	20 kA		30 kA		30 kA		52.5 kA		52.5 kA	
Rated insulation voltage	(Ui)	500 V		750 V		750 V		750 V		1000 V	
Rated impulse withstand voltage	(Uimp)	8 kV		8 kV		8 kV		8 kV		8 kV	
Rated short-time current	(Icw)	8.5 kA rms/1 s		10 kA rms/1 s		13 kA rms/1 s		20 kA rms/1 s		25 kA rms/1 s	
Length (mm)		450	750	1000	1400	1000	1400	1000	1400	1000	1400
References	3P	04103	04107	04111	04116	04112	04117	04113	04118	04114	04119
	4P	04104	04108	04121	04126	04122	04127	04123	04128	04124	04129

Accessories

	IPxxB tap-off terminals		200 A connections	IPxxB insulating covers	Class 8.8 fixing accessories
	For one 6 mm ² cable and one 10 mm ² cable (Ui): 750 V	For one 1 to 16 mm ² cable (Ui): 750 V		Covers which can be clipped on and cut to size are used to isolate the connectors of a connection with cables of cross-section 10 to 25 mm ²	M6 x 12 + 20 M6 contact washers
Used for connecting	<ul style="list-style-type: none"> ■ All switchgear equipped with enclosed terminals ■ Lineryg FM 160/200 A 	<ul style="list-style-type: none"> ■ All switchgear equipped with enclosed terminals ■ Lineryg FM 63/80/160/200 A 	<ul style="list-style-type: none"> ■ Lineryg FM 200 A 		
Set of	12	12	4	8	20
References	04151	04152	04021	04150	04158

Spare parts

	Lineryg BW busbar supports					
Rated operational current at 40°	(Ie)	125 A	160 A	250 A	400 A	630 A
Composition		2 busbar supports + 2 end caps + packet of fixing accessories				
References		-	01210	01210	01210	01211

	IPxxB clip-on covers					
Length (mm)		200				
Set of		2				
References		-	01201	01201	01201	01201

Linery BW busbar connections with power supply unit

	Power supply units with connections			Universal power supply units + pre-wired connectors			Universal power supply units + connections to be made (flexible insulated busbars can be used)	
Used for connecting Compact	<ul style="list-style-type: none"> Horizontal NSX100/250 with or without Vigi Horizontal INS-INV250 	<ul style="list-style-type: none"> Horizontal NSX400 Horizontal INS-INV320/400 	<ul style="list-style-type: none"> Horizontal NSX630 Horizontal INS-INV500/630 	<ul style="list-style-type: none"> Enclosed NSX100/250 with toggle switch Enclosed vertical INS-INV250 	<ul style="list-style-type: none"> Sheathed NSX100/250 with or without Vigi Sheathed vertical INS-INV250 	<ul style="list-style-type: none"> Sheathed NSX400/630 with or without Vigi Sheathed INS-INV320/630 	<ul style="list-style-type: none"> Enclosed horizontal NSX100/250 with rotary handle or remote control Vertical Fupact INF100/160, Fupact ISFT100/250 	<ul style="list-style-type: none"> Enclosed NSX400/630 with or without Vigi Enclosed INS-INV320/630
References	04060	04070	04071	04061 + 04062	04061 + 04064	04074 + 04073	04061	04074

Pre-wired connectors

	Connections		IPxxB 3/4P monobloc connection	IPxxB 3/4P monobloc connection	Connections
	35 mm ² ferrule + 45° angled connector	45 mm ² ferrule + 45° angled connector	Quick connection on the busbar equipped with a male ferrule for enclosed terminals. Neutral identified by the colour blue.		-
Rated operational (Ie) current at 40°	125 A	160 A	160 A	160 A	200 A
Length	230 mm	250 mm	440 mm	150 mm	-
Used for connecting	<ul style="list-style-type: none"> NG125, INS with enclosed terminals ref. 28947 or 28948 	<ul style="list-style-type: none"> INS160, NG125, NG160 	<ul style="list-style-type: none"> NG160 (left-hand position), Vigi NG160 (middle position) NG125, INS160, C120, iC120 	<ul style="list-style-type: none"> NG160 (left-hand position), NG125, INS160, C120, iC120 	<ul style="list-style-type: none"> Linery FM 200 A
Set of	4	4	1	1	4
References	04145	04146	04148	04147	04021

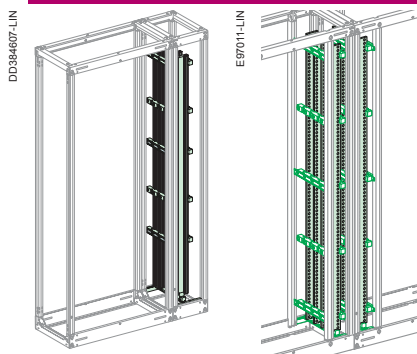
IEC 61439-1 & 2

Description

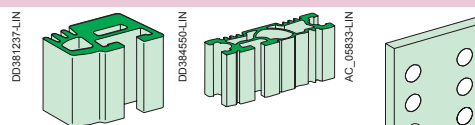
Prisma P and SFP/PH switchboards have a complete, coherent system for routing the electrical current:

- optimised busbars
- pre-wired connectors
- customised distribution blocks

Vertical busbar



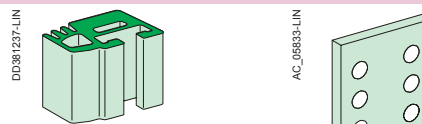
Lateral in sheath



	LGY profile	LGYE profile	Linergy BS flat busbars
Permissible current	Up to 3200 A	Up to 4000 A	Up to 3200 A
Material	Linergy profile	Linergy profile	Pre-slotted copper
Busbar	5 profile types depending on the current	9 profile types depending on the current	Th. 5 mm up to 1600 A Th. 10 mm up to 3200 A
Busbar length	1670 mm	2000 mm	1675 mm
Installation in Prisma P sheath	150 mm wide	Up to 1600 A	Up to 2500 A
	2 x 150 mm wide	Up to 3200 A	Up to 3200 A
	300 mm wide		For 3200-4000 A
Installation in SFP/PH sheath	300 mm wide	500 mm deep	Up to 4000 A
			500, 600 or 800 mm deep

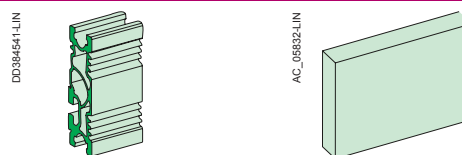
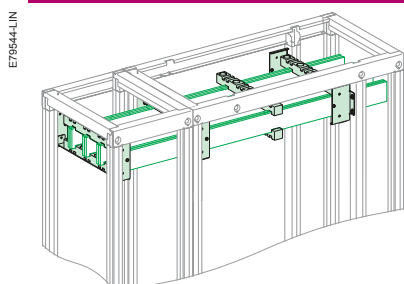


At the back of a cubicle



	LGY profile	Linergy BS flat busbars
Permissible current	Up to 1600 A	Up to 1600 A
Material	Linergy profile	Pre-slotted copper
Busbar type	5 profile types depending on the current	10 mm thick up to 1600 A
Busbar length	1670 mm	1675 mm
Installation	In 650 mm wide Prisma cubicle or 700 mm wide Prisma PH/SFP cubicle regardless of depth	

Horizontal busbar



	LGYE profiles	Linergy BS flat busbars
Permissible current	Up to 4000 A	Up to 4000 A
Material	Linergy profile	Copper solid busbars
Busbar type	9 profile types depending on the current	5 mm up to 1600 A 10 mm up to 4000 A
Busbar length	2000 mm	2000 mm
Installation	At the top or bottom of the cubicle, horizontally 400 or 600 mm deep for Prisma P 500, 600 or 800 mm deep for SFP/PH	

Linery LGY profiles		Up to 1600 A (single busbar)					Up to 3200 A (double busbar)		
In Prisma P sheath		L150					2 x L150		
In SFP/PH sheath		L300					-		
Linery profile, 1670 mm long									
		630 A	800 A	1000 A	1250 A	1600 A	2 x 1000 A	2 x 1250 A	2 x 1600 A
Permissible current for an ambient temp. of 35°C around the switchboard	IP ≤ 31	680 A	840 A	1040 A	1290 A	1650 A	200 A	2500 A	3200 A
	IP > 31	590 A	760 A	950 A	1170 A	1480 A	1820 A	2260 A	2920 A
Number of profiles per phase		1					2		
References		04502	04503	04504	04505	04506	04504	04505	04506

Busbar supports

	Characteristics	An end stop must be fitted on the bottom support: 01109 (sold in lots of 12)					
Number depending on Icw (kA rms/1 s)	≤ 25	3					2 x 3
	≤ 30	-	3				2 x 3
	≤ 40	-	-	3			2 x 3
	≤ 50	-	-	-	4		2 x 3
	≤ 60	-	-	-	5		2 x 4
	≤ 65	-	-	-	-	5	2 x 4
	≤ 75	-	-	-	-	7	2 x 5
	≤ 85	-	-	-	-	8	2 x 5
References	(+ set of 2 upright adapters NSYSFPA for installation in SFP/PH cubicle)						

Equipotential bonding










	3 equipotential bonding items must be installed between the busbars			Connection made with a flat 80 x 10 mm busbar between 2 L150 sheaths
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Connections to the Linery BS horizontal busbar

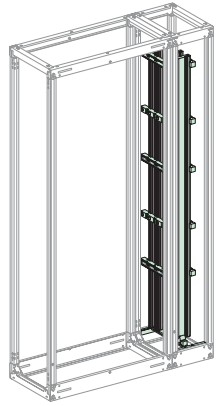
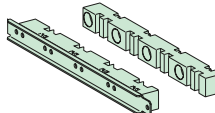
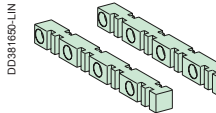
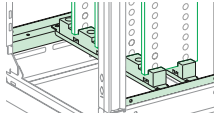
		Fixings supplied. Order 1 connection per phase
Characteristics	5 mm thick	(1000 A) 04635 (1600 A) -
References according to horizontal busbar size	10 mm thick Width ≤ 80 mm	2 x 04636
	Width > 80 mm	+ 04642 2 x + 2 x 04642

Accessories

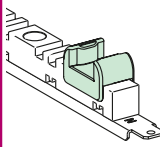
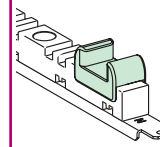
Linery screw	Plain washer	Identification
Characteristics	Sold in lots of 20: 20 screws + 20 nuts + 20 contact washers, class 8.8. The screws slide into the profile and are then locked in the desired position.	
References	25 mm long (for lug and flexible busbar connection)	
	39 mm long 04767 (for copper busbar connection)	
Steel plain washers	M8 sold in lots of 20	
References	ext. ø 20 mm	
	ext. ø 24 mm 04773	
	ext. ø 28 mm	
Brass plain washers	M8 sold in lots of 20 for connection of ≤ 25 mm² lugs to Linery	
References	ext. ø 20 mm 04775	
	Identification	12 clip-on supports + N, L1, L2, L3, PE, PEN labels
References		

Linergy LGYE profiles										
	Up to 4000 A									
In Prisma P sheath	L150							L300		
In SFP/PH sheath	L300									
Linergy profile, 2000 mm long										
	630 A	800 A	1000 A	1250 A	1600 A	2000 A	2500 A	3200 A	4000 A	
Permissible current for an ambient temperature of 35°C around the switchboard	IP ≤ 31	530 A	680 A	850 A	1050 A	1480 A	1650 A	2100 A	2800 A	3620
	IP > 31	630 A	800 A	1000 A	1250 A	1650 A	2000 A	2440 A	3200 A	3350
Length to cut for side mounting	1675 mm								1625 mm	
Number of profiles per phase	1									
References	04560	04561	04562	04563	04564	04565	04566	04567	04568	

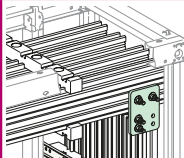
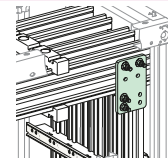
Busbar supports

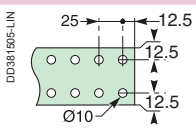
			
	Fixed support 04661	Support arm 04662	04666
Characteristics	3 fixed supports are compulsory to hold the busbar in position. If more than 3 supports are needed, use support arms (in addition).		
Number depending on I _{cw} (kA rms/1 s)	≤ 30	3	
	≤ 40	5	3
	≤ 50	5	3
	≤ 60	5	3
	≤ 65		5
	≤ 75		7
	≤ 85		7
	≤ 100		9
References	04661 (fixed support) + 04662 (support arm if necessary)		04661 (fixed support) + 04671 (fixings) + 04662 (support arm if necessary)
			04661 (fixed support) + 04646 (sold in lots of 12 spacers) + 04662 (support arm if necessary)

Wedging busbars in position

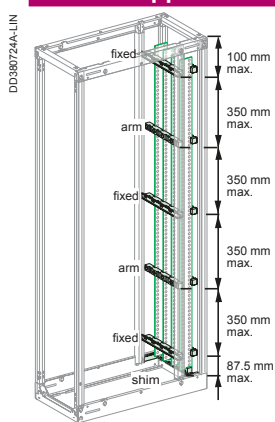
	
Wedge fitted on bottom support	Wedge fitted on bottom support
Characteristics	The bottom support is used to place profiles and ensure they are in the correct position. It is not considered to be a busbar support.
References	04663 (bottom support) 04658 (pack of 12 replacement shims)
	04666 (bottom support) + 04661 (fixed support) 04659 (pack of 12 replacement shims)

Connections to the Linergy Evolution LGYE horizontal busbar

		
≤ 1600 A	2000/2500 A	3200/4000 A
Characteristics	Supplied with fixings. References are supplied individually: 1 connection per phase.	
References according to horizontal busbar size	04604 (short connection) 04605 (long connection)	04607

Flat busbars		Up to 1600 A				Up to 3200 A														
In Prisma P sheath		L150				L150				L300	2 x L150									
In SFP/PH sheath		L300 D500/600/800				L300 D500/600/800								-						
Pre-slotted copper, 1675 mm long																				
Permissible current for an ambient temp. of 35°C around the switchboard	IP ≤ 31	800 A	1000 A	1400 A	1800 A	1200 A	1400 A	1800 A	2050 A	2300 A	2820 A	3200 A	3200 A							
	IP > 31	750 A	900 A	1250 A	1600 A	1080 A	1250 A	1600 A	1850 A	2000 A	2500 A	2820 A	2820 A							
Busbar cross-section (mm)		60 x 5	80 x 5	60 x 5	80 x 5	50 x 10	60 x 10	80 x 10	50 x 10	60 x 10	80 x 10	100 x 10	80 x 10							
Number of busbars per phase		1		2		1		2												
References		04516	04518	04516	04518	04525	04526	04528	04525	04526	04528	pending	04528							

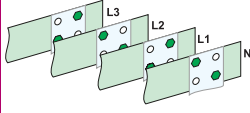
Busbar supports



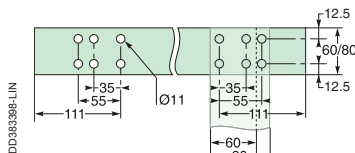
Description		Attach directly to the sheath frame. 3 fixed supports are compulsory to hold the busbar in position. If more than 3 supports are needed, use support arms (in addition). The bottom wedge support is used to place the busbar and ensure it is in the correct position. It does not count as a busbar support.												
Number of supports depending on l _{cw} (kA rms/1 s)	≤ 15	3											2 x 3	
	≤ 25	5			3								2 x 3	
	≤ 30	5									3		2 x 3	
	≤ 40	7			5								2 x 3	
	≤ 50		7										2 x 3	
	≤ 60											5		2 x 5
	≤ 65											5		2 x 5
	≤ 75							9		7				2 x 5
	≤ 85										7			2 x 5
References of supports depending on distance between bars and sheath depth	Prisma P sheath 75 mm distance between bars	L150 mm	04661 (fixed) + 04662 (arm) + 04663 (shim)											
		L300 mm	04661 (fixed) + 04662 (arm) + 04666 + 04661 (shim) ⁽¹⁾											
	SFP sheath L300 75 mm distance between bars	D500 mm	NSYBV500 (fixed) + 04662 (arm) + NSYAS500 (shim) ⁽¹⁾											
		D600 mm	NSYBV600 (fixed) + 04662 (arm) + NSYAS600 (shim) ⁽¹⁾											
		D800 mm	NSYBV800 (fixed) + 04662 (arm) + NSYAS800 (shim) ⁽¹⁾											
	SFP sheath L300 115 mm distance between bars	D800 mm	NSYBV800L (fixed) + 04678 (arm) + NSYAS800L (shim) ⁽¹⁾											






(1) If using a 100 x 10 bars, add a pack of screws ref. 04671 for each fixed support 04661 and arm support 04662.

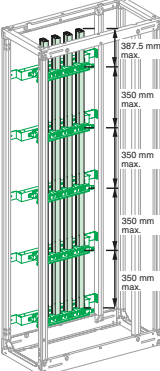
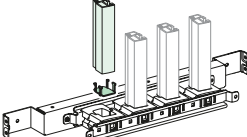
Connections to the Linery BS horizontal busbar

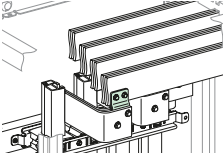
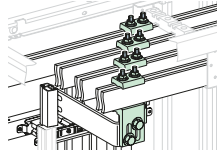
Characteristics	10B-DD383944-reL1N		11B-DD381499-reL1N							
	For a busbar with 75 mm distance between bars, the bars must be completely covered. Staggered assembly points between one bar and the next, to maintain the necessary clearance distances. ⁽²⁾									
Reference of the connection piece depending on horizontal busbar size	≤ 80 mm	Pending	References 04636, 04637 are supplied individually: 1 connection per phase. Reference 04642 consists of 2 M8 x 140 screws which can replace the original M8 x 120 screws.							
	> 80 mm	Pending								
			1 bar per phase		2 bars per phase		double busbar			
			50 x 10	60 x 10	80 x 10	50 x 10	60 x 10	80 x 10	100 x 10	80 x 10
			04636		04637	04637			04638	04636 x 2
			04636 + 04642		04637 + 04642	04637 + 04642		04638		(04636 + 04642) x 2

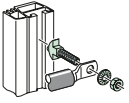
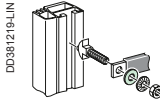
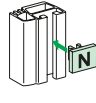
(2) Drill hole dimensions for 5 mm thick horizontal busbars

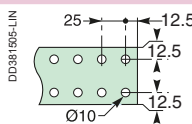



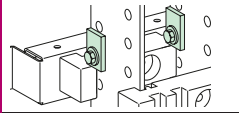
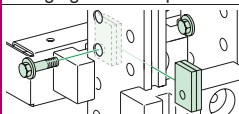
Linery LGY profiles		Up to 1600 A				
At the back of a Prisma P cubicle		L650				
At the back of a SFP/PH cubicle		L700				
Linery profile, 1670 mm long						
		630 A	800 A	1000 A	1250 A	1600 A
Permissible current for an ambient temp. of 35°C around the switchboard	IP ≤ 31	680 A	840 A	1040 A	1290 A	1650 A
	IP > 31	590 A	760 A	950 A	1170 A	1480 A
Number of profiles per phase		1				
References		04502	04503	04504	04505	04506

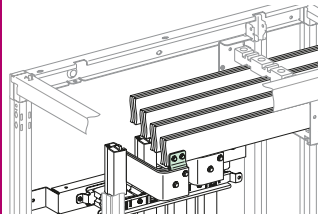
Busbar supports		DD381242-LIN				
	Number	≤ 25				
	depending on l _{cw}	≤ 30	4			
	(kA rms/1 s)	≤ 40			5	
		≤ 50			7	
Characteristics				An end stop must be fitted on the bottom support 01109 (sold in lots of 12)		
References		04652				

Connections to the Linery BS horizontal flat busbar		DD381244-LIN	
			
		04635 connection to 5 mm thick horizontal busbar	04036 connection to 10 mm thick horizontal busbar
Characteristics		Fixings supplied, order 1 connection per phase. For part of the connection, flexible insulated busbars are needed.	
References according to horizontal busbar size	5 mm thick	04635	
	10 mm thick	Width ≤ 80 mm	04636
		Width > 80 mm	04636 + 04642

Accessories		DD381219-LIN		
				
Linery screw	Characteristics	Screw + nut + contact washer Plain washer Identification Sold in lots of 20: 20 screws + 20 nuts + 20 contact washers, class 8.8 The screws slide into the profile and are then locked in the desired position		
Steel plain washers	Reference	25 mm wide	04766 (for lug and flexible busbar connection)	
		39 mm wide	04767 (for copper busbar connection)	
	Characteristics	M8 sold in lots of 20		
Brass plain washers	Reference	ext. ø 20 mm	04772	
		ext. ø 24 mm	04773	
		ext. ø 28 mm	04774	
Identification	Characteristics	12 clip-on supports + N, L1, L2, L3, PE, PEN labels		
	Reference	04794		

Flat busbars		Up to 1600 A						
At the back of a Prisma P cubicle		L650						
At the back of a SFP/PH cubicle		L700			-	L700		
Pre-slotted copper, 1670 mm long								
Permissible current for an ambient temperature of 35°C around the switchboard	IP ≤ 31 IP > 31	800 A 750 A	1000 A 900 A	1400 A 1250 A	1800 A 1600 A	1000 A 1080 A	1200 A 1250 A	1600 A 1600 A
Busbar cross-section (mm)		60 x 5						
Number of busbars per phase		1			2	1		
References		04516	04518	04516	04518	04525	04526	04528

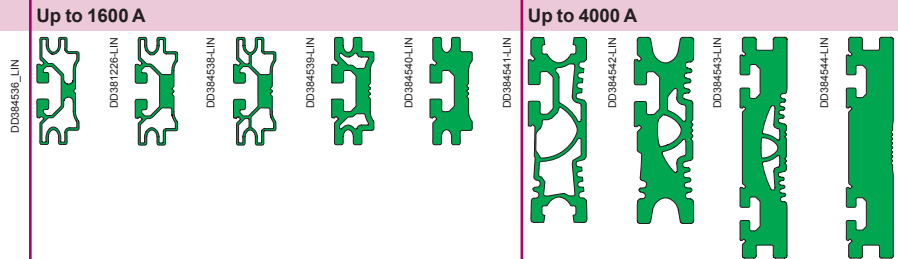
Busbar supports								
		Fixed busbar support 04653			Busbar support arm 04662			
Characteristics		3 fixed supports ref. 04653 are compulsory to keep the busbar vertical. If more than 3 supports are needed, use support arms ref. 04662 (in addition). Metal shim ref. 04669 (sold in lots of 100), 5 mm thick, is screwed onto the busbar. It rests on a fixed support and is used to wedge the busbar in position.						
		Wedging: 1 busbar/phase						
		Wedging: 2 busbars/phase						
Number depending on Icw (kArms/1 s)	≤ 15 ≤ 25 ≤ 30 ≤ 40 ≤ 50 ≤ 60 ≤ 65 ≤ 75 ≤ 85	3 5 5 7 7 7 7 7			3 3 5 5 5 7 7			3 3 5 5 5 7 9
References		04653 (fixed) + 04662 (arm) + 04669 (shim)						

Connections to the Linergy BS horizontal flat busbar								
		04635 connection to horizontal busbar 5 mm thick			04636 connection to horizontal busbar 10 mm thick			
Characteristics		For part of the connection, flexible insulated busbars are needed. References 04635 , 04636 are supplied individually = 1 connection per phase. Reference 04642 consists of 2 M8 x 140 screws which can replace the original M8 x 120 screws.						
References according to horizontal busbar size	5 mm thick 10 mm thick Width ≤ 80 mm Width > 80 mm	04635		04636				
		04636 + 04642						

Linery LGYE profiles

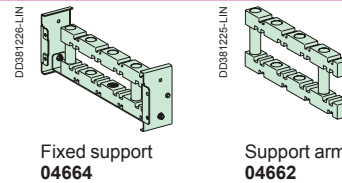
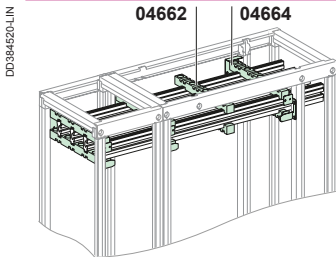
Installation in Prisma P and SFP/PH

Linery profile, 2000 mm long, supplied with an end stop to wedge the profile in place



	Up to 1600 A					Up to 4000 A			
	630 A	800 A	1000 A	1250 A	1600 A	2000 A	2500 A	3200 A	4000 A
Permissible current for an ambient temperature of 35°C around the switchboard	630 A	800 A	1000 A	1250 A	1650 A	2000 A	2440 A	3200 A	3620 A
	530 A	680 A	850 A	1050 A	1480 A	1650 A	2100 A	2800 A	3350 A
Number of profiles per phase	1								
Total number of vertical modules (50 mm)	3					3		4	
References	04560	04561	04562	04563	04564	04565	04566	04567	04568

Busbar supports



Characteristics		2 fixed supports for 650 to 800 wide frame and 1 fixed support for 300 or 400 wide frame (2 when the busbar is at the bottom) are compulsory. If more supports are needed, add support arms if necessary.		
Busbar supports 75 mm distance between	Number of supports	≤ 15	2	
	≤ 25	2	2	
	≤ 30	2	2	
	depending on I _{cw} (kA rms/1 s)	≤ 40	-	2
	≤ 50	-	2	
	≤ 60	-	3	
	≤ 65	-	3	
	≤ 75	-	3	
	≤ 85	-	3	
	≤ 100	-	-	4
References	Fixed support	04664	04664 + 04671 (fixings) 04664 (sold in lots of 12 spacers)	
References	Support arm	04662	04662 + 04671 (fixings) 04662 + 04646 (sold in lots of 12 spacers)	

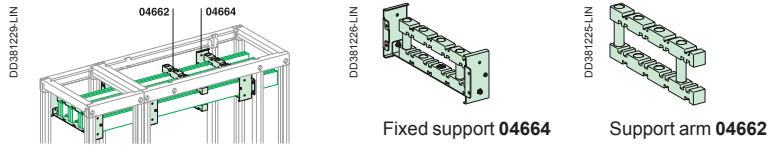
Joining



References	3x 04620 (3P) 4x 04620 + 04624 (4P)	3x 04621 (3P) 4x 04621 + 04624 (4P)	3x 04623 (3P) 4x 04623 + 04624 (4P)
Note	Reference 04624 is compulsory when installing jointed Linery LGYE 4P busbars and must be fitted where the frames meet. When installed at the bottom of a cubicle, the busbar must be partitioned.		

Flat busbars										
Installation in Prisma P and SFP/FH	Up to 1600 A				Up to 4000 A					
Solid copper, 2000 mm long										
Permissible current for an ambient temp. of 35°C around the switchboard	IP ≤ 31 800 A	1000 A	1400 A	1800 A	1800 A	2050 A	2300 A	2820 A	3300 A	3760 A
	IP > 31 750 A	900 A	1250 A	1600 A	1600 A	1850 A	2000 A	2500 A	2900 A	3340 A
Busbar cross-section (mm)	60 x 5	80 x 5	60 x 5	80 x 5	80 x 10	50 x 10	60 x 10	80 x 10	100 x 10	120 x 10
Number of busbars per phase	1	1	2	2	1	2	2	2	2	2
Total number of vertical modules (50 mm)	3									
References	04536	04538	04536	04538	04548	04545	04546	04548	04550	04552

Busbar supports



In cubicle: Prisma P L650 or L650+150 or SFP L700/PH D500/600/800 with 75 mm distance between bars	Number of supports	≤ 15	2	2	
		≤ 25	3	2	
	depending on l _{cw} (kA rms/1 s)	≤ 30	3	2	
		≤ 40	3	2	
		≤ 50	-	3	
		≤ 60	-	3	
		≤ 65	-	3	
		≤ 75	-	4	
		≤ 85	-	-	
	References	Fixed support	04664	04664	04664 + 04671 (fixings)
	Support arm	04662	04662	04662 + 04671 (fixings)	
In sheath: Prisma P L400 with 75 mm distance between bars	Number of supports	≤ 25	1	1	
	depending on l _{cw} (kA rms/1 s)	≤ 40	2	1	
		≤ 50	2	2	
		≤ 85	-	2	
	References	Fixed support	04664	04664	04664 + 04671 (fixings)
	Support arm	04662	04662	04662 + 04671 (fixings)	
In sheath: Prisma P L300 or SFP L300/PH with 75 mm distance between bars	Number depending on l _{cw} (kA rms/1 s)	≤ 30	1	1	
		≤ 50	2	1	
		≤ 85	-	2	
	References depending on depth	Fixed support	04664 (Prisma P) or NSYBHS500 (SFP D500) or NSYBHS600 (SFP D600) or NSYBHS800 (SFP D800)	04664 (Prisma P) or NSYBHS500 (SFP D500) or NSYBHS600 (SFP D600) or NSYBHS800 (SFP D800)	04664 (Prisma P) or NSYBHS500 (SFP D500) or NSYBHS600 (SFP D600) or NSYBHS800 (SFP D800) + 04671 (fixings)
		Support arm	04662	04662	04662 + 04671 (fixings)
In SFP cubicle L700 with 115 mm distance between bars	Number depending on l _{cw} (kA rms/1 s)	≤ 30	-	2	
		≤ 40	-	3	
		≤ 60	-	3	
		≤ 75	-	4	
		≤ 85	-	-	
	References	Fixed support		NSYBHS800L	NSYBHS800L + 04671 (fixings)
		Support arm		04678	04678 + 04671 (fixings)
In SFP L300 sheath with 115 mm distance between bars	Characteristics		2 fixed supports for 700 wide frame and 1 fixed support for 300/400 wide frame are compulsory. If more supports are needed, add support arms.		
	Number depending on l _{cw}	≤ 50	-	1	
		≤ 85	-	2	
	References	Fixed support		NSYBHS800L	NSYBHS800L + 04671 (fixings)
		Support arm		04678	04678 + 04671 (fixings)

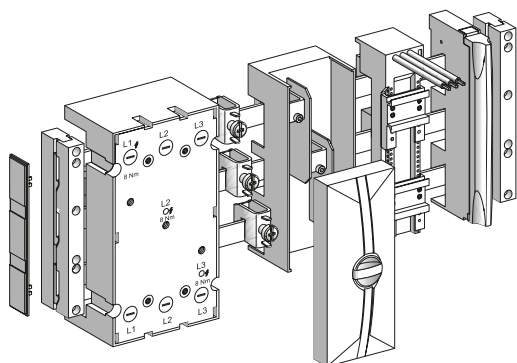
Joining

Sliding joints with self-breaking lock nut

References (1 joint per phase)	04640	04641	04640	04641	04641	04640	04641	04643
Note	When installed at the bottom of a cubicle, the busbar must be partitioned.							

IEC 60439-1 & UL845

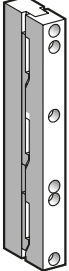

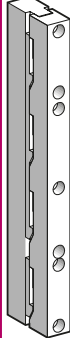
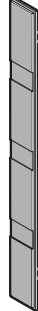
DB403874-LIN



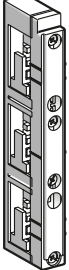

Description

This mounting plate system for busbars simplifies the installation of motor feeder components used in your electrical installations. Power distribution is performed by a busbar. The mounting plates are fitted directly on this busbar, by snap-on mounting, thus implementing electrical distribution.

IEC busbar supports and accessories

Number of poles	3		4	
				
	LA9ZX01495	LA9ZX01573	LA9ZX01485	LA9ZX01131
	For 12, 15, 20, 25, 30 x 5/10 mm ² busbars	End covers for 3-pole busbar support	For 12, 15, 20, 25, 30 x 5/10 mm ² busbars	End covers for 4-pole busbar support (5 left, 5 right)
Set of	10	10	10	10
References	LA9ZX01495	LA9ZX01573	LA9ZX01485	LA9ZX01131

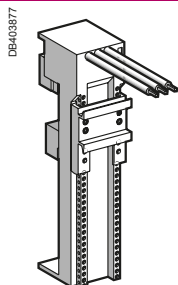
UL busbar supports and accessories

Number of poles	3		
			
	LA9ZX01508		LA9ZX01573
	For 12, 20, 30 x 5/10 mm busbars	Base plate 240 x 700	End covers for busbar support
Set of	10	2	10
References	LA9ZX01508	LA9ZX01515	LA9ZX01573

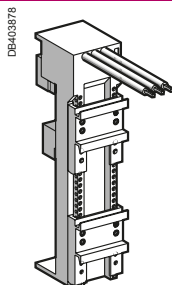
Technical data

General characteristics								
LA9ZX01495 and LA9ZX01485 (IEC)								
Compatibility of bar dimensions	12 x 5 mm	15 x 5 mm	20 x 5 mm	25 x 5 mm	30 x 5 mm	12 x 10 mm	20 x 10 mm	30 x 10 mm
Rated operational current at 40° (Ie)	200 A	250	320	400	450	360	520	630
Rated peak withstand current (Ipk)	30 kA	30 kA	30 kA	30 kA	45 kA	35 kA	35 kA	53 kA
Distance max. between 2 busbars supports	570 mm	570 mm	570 mm	570 mm	570 mm	570 mm	570 mm	570 mm
Degree of protection	IP20 (with cover LA9ZX01244 or LA9ZX01245)							
Thermal resistance	125°C							
Rated current frequency	50/60 Hz							
Rated insulation voltage	690 V							
Rated operating voltage	690 V							
LA9ZX01508 (UL)								
Compatibility of bar dimensions	12 x 5 mm	20 x 5 mm	30 x 5 mm	12 x 10 mm	20 x 10 mm	30 x 10 mm		
Rated operational current at 40° (Ie)	150 A	362 A	500 A	300 A	564 A	630 A		
Irms surge current	18 kA	18 kA	22 - 25 kA	18 kA	18 kA	22 - 25 kA		
SCCR (protected by Compact NSX circuit breaker)	250 A 480 V AC	65 kA	-	-	65 kA	-	-	
	250 A 600 V AC	25 kA	-	-	25 kA	-	-	
	400 A 480 V AC	-	65 kA	65 kA	-	65 kA	65 kA	
	400 A 600 V AC	-	35 kA	35 kA	-	35 kA	35 kA	
	500 A 480 V AC	-	-	65 kA	-	-	65 kA	
	600 A 600 V AC	-	-	35 kA	-	-	-	
	600 A 480 V AC	-	-	50 kA	-	-	50 kA	25 kA
SCCR (protected by fuses Class J or T, etc.)	400 A 480 V AC	100 kA	100 kA	100 kA	100 kA	100 kA	100 kA	
	500 A 480 V AC	-	-	100 kA	-	-	100 kA	
	500 A 600 V AC	-	-	100 kA	-	-	100 kA	
Max. distance between 2 busbar supports (busbar protected)	400 mm	800 mm	800 mm	400 mm	800 mm	800 mm		
Degree of protection	IP20 (with cover LA9ZX01244 or LA9ZX01245)							
Thermal resistance	125°C							
Rated current frequency	50/60 Hz							
Rated operating voltage	600 V							

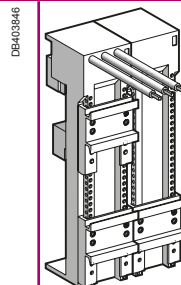
For TeSys GV2 motor circuit breakers



LA9ZA32443, LA9ZA32621



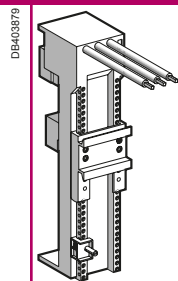
LA9ZA32434, LA9ZA32442



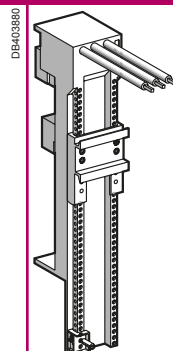
LA9ZA32622, LA9ZA32623

	Mounting plate, 1-way		Mounting plate, 2-way	
Operating current AC-3 440 V	25 A	32 A	25 A	32 A
Protection by motor circuit breaker	GV2 ME GV2 P GV2 LE	GV2 ME GV2 P GV2 LE	GV2 ME GV2 P GV2 LE	GV2 ME GV2 P GV2 LE
For contactor	LC1 D LC1 K LP4 K06-K12	LC1 D	LC1 D LC1 K LP4 K06-K12	LC1 D
Dimensions (L x H x W) (mm)	45 x 200 x 63	45 x 200 x 63 54 x 200 x 63 63 x 200 x 63	90 x 200 x 63	90 x 200 x 63
Set of	4	4 4 4	2	2
References	LA9ZA32621	LA9ZA32434 LA9ZA32442 LA9ZA32443	LA9ZA32622	LA9ZA32623

TeSys U starter-controllers



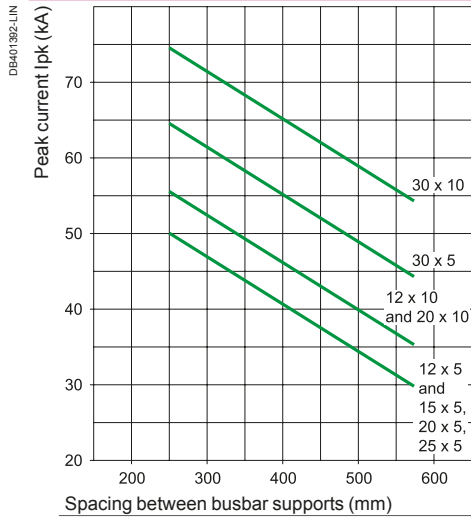
LA9ZA32427



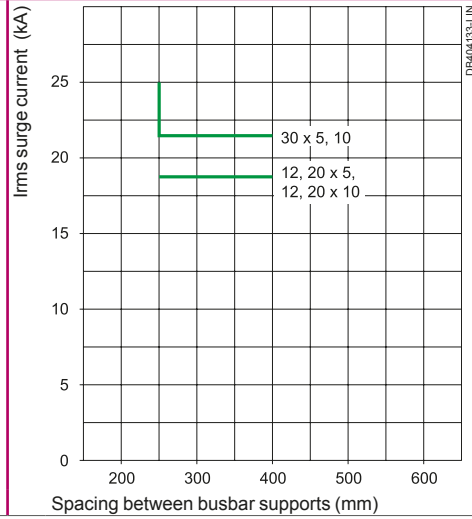
LA9ZA32428

	Mounting plate, 1-way	Mounting plate, 2-way
Operating current AC-3 440 V	32 A	32 A
Protection by power base	LUB12, LUB32	LUB12, LUB32
Dimensions (L x H x W) (mm)	45 x 200 x 63	45 x 200 x 63
Set of	4	4
References	LA9ZA32427	LA9ZA32428

Determining the spacing between busbar supports (LA9ZX01495 and LA9ZX01485), according to IEC 60439-1⁽¹⁾



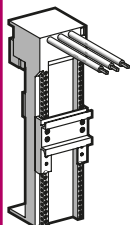
Short-circuit withstand diagram according to UL845 (LA9ZX01508)



(1) Depending on the short-circuit current.

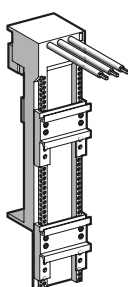
For TeSys GV3 motor circuit breakers

DB403881



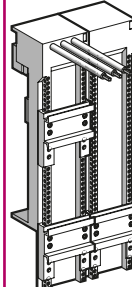
LA9ZA32624

DB403882



LA9ZA32625

DB403883

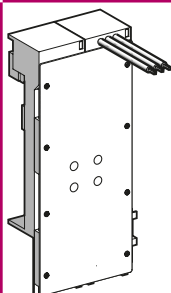


LA9ZA32626

	Mounting plate, 1-way		Mounting plate, 2-way
Operating current AC-3 440 V	63 A		25 A
Protection by power base	GV3 P	GV3 P	GV3 P
For contactor	–	LC1 D40A6. 5 A	LC1 D40A6. 5 A
Dimensions (L x H x W) (mm)	54 x 200 x 63		117 x 260 x 63
Set of	4		2
References	LA9ZA32624		LA9ZA32626

For TeSys integral contactor-circuit breakers | **For TeSys GV7 motor circuit breakers**

DB404138

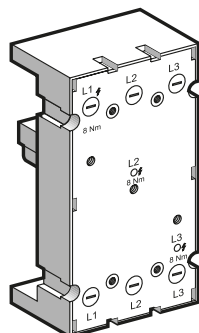


LA9ZA32627

	Mounting plate, 1-way	
Operating current AC-3 440 V	63 A	80 A
Protection by contactor-circuit breaker	LD1, LD4 LD<	GV7
Dimensions (L x H x W) (mm)	108 x 260 x 63	104 x 190 x 63
Set of	1	1
References	LA9ZA32627	LV429372

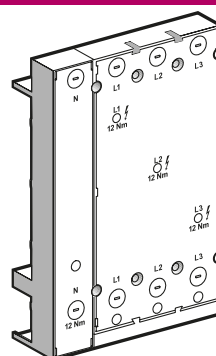
For Compact NSX circuit breakers

DB40877



LV432623

DB40886



LV432624

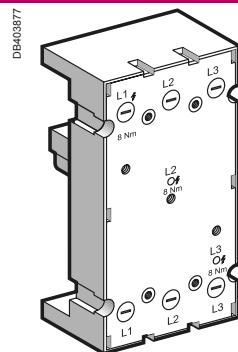
	Mounting plate for 3P circuit breakers	Mounting plate for 4P circuit breakers	Mounting plate for 3P circuit breakers	Mounting plate for 4P circuit breakers
Rated operational current at 40° (Ie)	100-250 A		400-630 A	
Dimensions (L x H x W) (mm)	104 x 190 x 63	139 x 251 x 63	139 x 270 x 63	139 x 270 x 63
Set of	1	1	1	1
References	LV429372	LV429373	LV432623	LV432624

Technical data

Characteristics of busbar mounting plates					
Type of mounting plate	LA9ZA32621 LA9ZA32622	LA9ZA32427 LA9ZA32428 LA9ZA32434 LA9ZA32623 LA9ZA32442 LA9ZA32443	LA9ZA32624 LA9ZA32625 LA9ZA32626 LA9ZA32627	LV429372 LV429373	LV432623 LV432624
Degree of protection as per IEC 60529 (IP)	20				
Rated insulation voltage	690 V				
Permissible current	25 A	32 A	63 A	80 A - 100 A - 250 A	400 A-630 A
Peak rated current	50 kA	50 kA ⁽¹⁾	50 kA	50 kA	50 kA
SCCR (UL) with Compact NSX circuit breaker protection (mm ²)	The cascading reinforced breaking capacity when combining circuit breakers is maintained				
Conductor cross section (colour: black)	4 mm ²	6 mm ²	10 mm ²	-	
	12 AWG	10 AWG	8 AWG	-	
Type of conductor insulating material (PVC)	105°				

(1) 35 kA with LUB12 for LA9ZA32427 and LA9ZA32428.

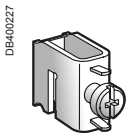
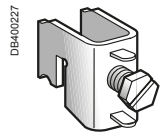
For PowerPact 3P circuit breakers



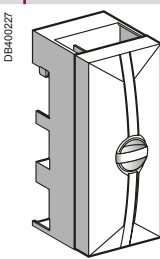
LA9ZA32600

	Mounting plate for H frame circuit breakers	Mounting plate for J frame circuit breakers	Mounting plate for L frame circuit breakers
Rated operational current at 40° (Ie)	60-100-150 A	250 A	250-400-600 A
Dimensions (L x H x W) (mm)	104 x 190 x 63	104 x 190 x 63	139 x 270 x 63
Set of	1	1	1
References	LA9ZA32600	LV429372	LV432623

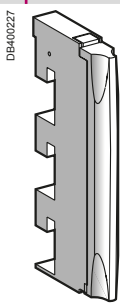
Terminals

Number of poles	1P		
			
	LA9ZX01285	LA9ZX01287	
	For flat bars, 5 mm		3P cover, width 84 mm
Rated operational current at 40° (Ie)	270 A	400 A	
Supply at incoming terminals	4 - 35 mm ²	16 - 70 mm ²	
Set of	50	25	10
References	LA9ZX01285	LA9ZX01287	LA9ZX01413

Terminals on mounting plate

Number of poles	3P		
			
	LA9ZX01243		
	On mounting plate + cover, for 12 x 5 to 30 x 10 busbars		
Rated operational current at 40° (Ie)	440 A		
Supply at incoming terminals	35 - 120 mm ²		
Set of	1		
References	LA9ZX01243		

Connection module

Number of poles	3P		
			
	LA9ZX01563		
	Spring terminal connection + cover, for busbars of 12 x 5 to 30 x 10		
Rated operational current at 40° (Ie)	80 A		
Supply at incoming terminals	1,5 - 16 mm ²		
Set of	8		
References	LA9ZX01563		

Technical data

Connection by connectors								
	LA9ZX01285		LA9ZX01287		LA9ZX01243		LA9ZX01563	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
Flexible wire	4 mm ²	35 mm ²	16 mm ²	70 mm ²	35 mm ²	120 mm ²	1.5 mm ²	16 mm ²
Multi-core wire	4 mm ²	35 mm ²	16 mm ²	70 mm ²	35 mm ²	120 mm ²	1.5 mm ²	16 mm ²
Rigid wire	4 mm ²	35 mm ²	–	–	–	–	1.5 mm ²	16 mm ²
Tightening torque	... x 5 N.m Supplied without cover		... x 5 N.m Supplied without cover		... x 5-10 N.m		... x 5-10 N.m	

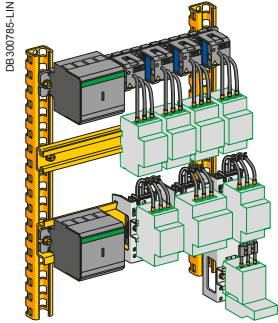


Lineryg HK	68
Hot plug pre-assembled busbar systems	68

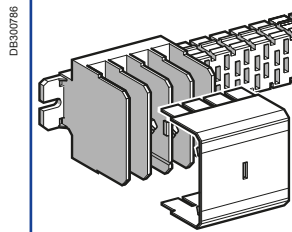
IEC 60439

Description

The assembly of automated control and distribution panels requires the use of products that are not only safe, but also simple and quick to mount and wire up. These pre-assembled busbar systems meet all these criteria.



Busbar systems



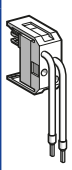
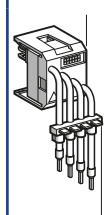
Number of conductors	4					
Number of tap-offs at 18 mm intervals	12	18	24	30	48	54
Length (mm)	344	452	560	668	992	1100
Suitable for mounting in enclosure width (mm)	600	800	800	800	1200	1200
References	AK5 JB143	AK5 JB144	AK5 JB145	AK5 JB146	AK5 JB149	AK5 JB1410

Technical data

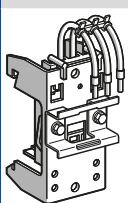
Busbar system characteristics						
Product certifications		UL, CSA, DNV, LROS				
Degree of protection	Against access to live parts	IPxxB conforming to IEC 60529				
Flame resistance	Conforming to IEC 60695	850 °C (incandescent wire)				
	Conforming to standard UL 94	V0				
Number of conductors	AK5 B 14p	4				
Supply current		~				
Rated operational current (Ie)	Ambient temperature 35°C	160 A				
	K coefficient to be applied according to the ambient temperature	35°C	40°C	45°C	50°C	55°C
Rated insulation voltage (Ui)	Conforming to IEC 60439-1	690 V				
	Conforming to UL and CSA	600 V				
Operational voltage (Ue)	Off-load plugging-in and unplugging, with power on					
	Conforming to IEC 60439-1	400 V				
	Conforming to UL, CSA	480 V				
	Plugging-in and unplugging, with power off					
	Conforming to IEC 60439-1	690 V				
	Conforming to UL, CSA	600 V				
Maximum permissible peak current		25 kA				
Maximum let-through energy (I ^{2t})		1 x 10 ⁷ A ² s				
Rated operational frequency		50 Hz or 60 Hz				
Upstream short-circuit ⁽¹⁾ and overload protection	Type of protection	Schneider Electric circuit-breaker			Fuses	
		NSX 160 N	NSX 160 H	aM	gF	
	Rating	160 A	160 A	160 A	160 A	
	Prospective short-circuit current	36 kA	70 kA	100 kA	100 kA	
	Operational current	160	160	160	160	
Supply incoming terminals	Maximum c.s.a.		Minimum c.s.a.			
	Flexible cable with cable end	70 mm ²		2.5		
	Solid cable	70 mm ²		2.5		
	Tightening torque	10 Nm				
Installation	Horizontal or vertical ⁽²⁾	Fixing with screws provided				

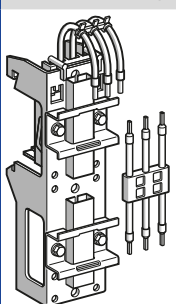
(1) For conditions where conditional short-circuit current exceeds 25 kA.

(2) Using side stop **AK5 BT01** on mounting plates **AK5 PA**.

	Omega rail, width 75 mm	Removable power sockets			
	 AK5PC12	 AK5GF1			
Number of poles		Single-phase + Neutral		2-phase	
Material and surface treatment	2 mm sheet steel				
Number of points used on the busbar system		1		1	
Rated operational current at 40° (Ie)		16 A	32 A	16 A	32 A
Length (mm)	2000 ⁽¹⁾	200	1000	200	1000
Depth (mm)	15				
Set of	6	6 ⁽²⁾	6 ⁽²⁾	6 ⁽³⁾	6 ⁽³⁾
References	AM1DL201	AK5PC12	AK5PC32L	AK5PC12PH	AK5PC32LPH

(1) Cut and drill to suit use. (2) Total of 6 sockets supplied: 2 sockets (N + L1), 2 sockets (N + L2), 2 sockets (N + L3).
(3) Total of 6 sockets supplied: 2 sockets (L1 + L2), 2 sockets (L1 + L3), 2 sockets (L2 + L3).

	Component mounting plates incorporating tap-off			
	Single plate (height 105 mm)			
	 AK5PA231			
Number of poles	Single-phase + Neutral			2-phase
No. of 18 mm points used on the busbar system	3			3
Rated operational current at 40° (Ie)	25 A	25 A	25 A	25 A
Phase	Ph1+N	Ph2+N	Ph3+N	Ph1+Ph2
Number of L-rails for component support	1	1	1	1
References	AK5PA211N1	AK5PA211N2	AK5PA211N3	AK5PA211PH12

	Component mounting plates incorporating tap-off					
	Double plate (height 190 mm)					
	 AK5PA232					
Number of poles	Single-phase + Neutral			2-phase		
No. of 18 mm points used on the busbar system	3			3		
Rated operational current at 40° (Ie)	25 A	25 A	25 A	25 A	25 A	25 A
Phase	Ph1+N	Ph2+N	Ph3+N	Ph1+Ph2	Ph1+Ph3	Ph2+Ph3
Number of L-rails for component support	2	2	2	2	2	2
References	AK5PA212N1	AK5PA212N2	AK5PA212N3	AK5PA212PH12	AK5PA212PH13	AK5PA212PH23

3-phase			3-phase + Neutral			3-phase + Common	
2			2			2	
16 A	32 A		16 A	32 A		16 A (10 Common)	32 A (10 Common)
200	250	1000	200	250	1000	200	250
6	6	6	6	6	6	6	6
AK5PC13	AK5PC33	AK5PC33L	AK5PC14	AK5PC34	AK5PC34L	AK5PC131	AK5PC331

		3-phase	3-phase + Common	3-phase + Neutral
		3	3	3
25 A	25 A	25 A	25 A	25 A
Ph1+Ph3	Ph2+Ph3	-	-	-
1	1	1	1	1
AK5PA211PH13	AK5PA211PH23	AK5PA231	AK5PA2311	AK5PA241

3-phase			3-phase + Neutral	3-phase + Common			3-phase + Neutral
3			3	6			6
25 A	25 A	50 A	25 A	25 A (10 Common)	25 A (10 Common)	50 A (10 Common)	50 A
-	-		-	-	-		-
2	2	1	2	2	2	1	1
AK5PA232	AK5PA232S	AK5PA532	AK5PA242	AK5PA2312	AK5PA2312S	AK5PA5312	AK5PA542



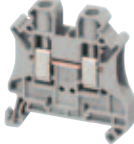
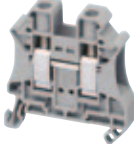
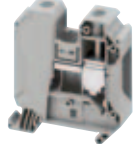





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Marking accessories	126
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Auxiliary connections	132

Description

■ **NSYTRV** screw technology terminal blocks are components that are well established throughout the world and are suitable for the vast majority of connection applications, due to their wide range of functions and connection possibilities.


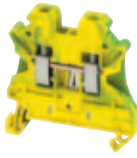
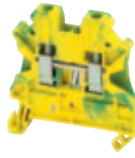
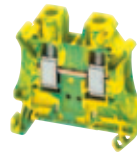
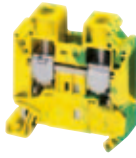
■ **NSYTRV** terminal blocks ensure quality, safety and the operational availability of equipment. In addition to these advantages, they optimise the setting up and operation of installations, due to their simplicity and integrated functions.


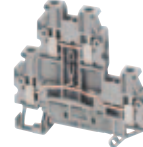
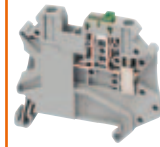

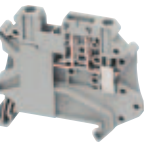



		Passthrough				
		Passthrough				
						
Nominal c.s.a (mm²)		2.5	4	6	10 & 16	35 to 70
Number of poles	1 - 1 x 1	NSYTRV22	NSYTRV42	NSYTRV62	NSYTRV102 NSYTRV162	NSYTRV352 NSYTRV502 NSYTRV702
	2 - 1 x 1	-	-	-	-	-
	3 - 1 x 1	-	-	-	-	-
	5 - 1 x 1	-	-	-	-	-
	10 - 1 x 1	-	-	-	-	-
	1 - 1 x 2	-	-	-	-	-
	1 - 2 x 2	-	-	-	-	-
	With LED	-	-	-	-	-
Colours	Grey	■	■	■	■	■
	Blue	NSYTRV22BL	NSYTRV42BL	NSYTRV62BL	NSYTRV102BL NSYTRV162BL	NSYTRV352BL NSYTRV502BL
	Green/yellow (PE)	-	-	-	-	-
	Orange	NSYTRV22AR	NSYTRV42AR	-	-	-
	Red	NSYTRV22RD	NSYTRV42RD	-	-	-
	Green	-	NSYTRV42GN	-	-	-
	White	NSYTRV22WH	NSYTRV42WH	-	-	-
	Black	-	NSYTRV42BK	-	-	-
Mounting on	35 mm 	■	■	■	■	■
	35 mm 	■	■	■	■	■
	Telequick	-	-	-	-	-
	15 mm 	-	-	-	-	-
See pages	78	78	78	79	79/80	



Snap-on PE foot

Earth terminal blocks are simply snapped onto the DIN rail to make contact. This mechanically and electrically efficient connection meets all the requirements of standard IEC 60947-7-2.

Lug-lug Lug-connector		Protective earth							
P8502169		P8502174		P8502176		P8502175		P8502165	
95 & 150		2.5	4	6 & 10	16 to 50				
NSYTRV952BB		NSYTRV22PE	NSYTRV42PE	NSYTRV62PE	NSYTRV162PE				
NSYTRV952BC				NSYTRV102PE	NSYTRV352PE				
NSYTRV1502BB					NSYTRV502PE				
-		-	-	-	-				
-		-	-	-	-				
-		-	-	-	-				
-		-	-	-	-				
-		-	NSYTRV43PE	-	-				
-		-	NSYTRV44PE	-	-				
-		-	-	-	-				
■		-	-	-	-				
-		-	-	-	-				
-		■	■	■	■				
-		-	-	-	-				
-		-	-	-	-				
-		-	-	-	-				
-		-	-	-	-				
■		■	■	■	■				
■		■	■	■	■				
-		-	-	-	-				
-		-	-	-	-				
80/81		82	82	82/83	83				





		Double deck		Disconnect		
		Multi-pole	Double deck	Blade	Fused	Removable carrier
						
Nominal c.s.a (mm²)		4	2.5 & 4	4	4 & 16	4
Number of poles	1 - 1 x 1	-	-	NSYTRV42SC NSYTRV42ST	NSYTRV42SF5 NSYTRV42SF6 NSYTRV162SF	NSYTRV42TB
	2 - 1 x 1	-	NSYTRV24D NSYTRV44D	NSYTRV42SCD	-	-
	3 - 1 x 1	-	NSYTRV26T	-	-	-
	5 - 1 x 1	-	-	-	-	-
	10 - 1 x 1	-	-	-	-	-
	1 - 1 x 2	NSYTRV43	-	-	-	-
	1 - 2 x 2	NSYTRV44	-	-	-	-
	With LED	-	-	-	NSYTRV42SF5LD NSYTRV42SF6LD	-
Colours	Grey	■	■	■	-	■
	Blue	-	-	■	-	-
	Green/yellow (PE)	NSYTRV43PE NSYTRV44PE	NSYTRV24DPE NSYTRV44DPE	-	-	-
	Orange	■	-	NSYTRV42STAR	-	-
	Red	■	-	-	-	-
	Green	-	-	-	-	-
	White	-	-	-	-	-
	Black	■	-	-	-	-
Mounting on	35 mm 	■	■	■	■	■
	35 mm 	■	■	■	■	■
	Telequick	-	-	-	-	-
	15 mm 	-	-	-	-	-
See pages	84	85	88	89	88	



Flexible plug-in bridge system

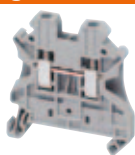
The **NSYTRAL*** plug-in bridges allow potential distribution to be implemented quickly. All terminals have two bridge shafts to make flexible chain bridging, step bridging or bridging between nonadjacent terminal blocks possible.

The reducing bridge permits simple connection of terminal blocks with different nominal cross-sections, (e.g. an **NSYTRV102** terminal connected to an **NSYTRV22** terminal). This way the power distribution terminal blocks can be quickly setup.

	Measuring	For neutral conductors	Miniature	DB6		
			Passthrough	With Telequick universal foot		
PB602206		PB602221 	PB602335 	PB601874 		
	6	4 to 10	2.5 & 4	4	6	16 & 35
	NSYTRV62TTD	NSYTRV42NE NSYTRV62NE	NSYTRV22M NSYTRV42M	-	-	DB6ED01 DB6FD01
	-	-	-	DB6CD102	DB6DD102	-
	-	-	-	-	DB6DD103	-
	-	-	-	DB6CD105	-	-
	-	-	-	DB6CD110	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	■	-	■	■	■	■
	-	■	NSYTRV22MBL NSYTRV42MBL	-	-	-
	NSYTRV62TTPE	-	NSYTRV22MPE NSYTRV42MPE	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	■	■	-	■	■	■
	■	■	-	■	■	■
	-	-	-	■	■	■
	-	-	■	-	-	-
	90	92	94/95	-	-	-

Screw terminal blocks - Passthrough

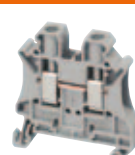
PB9320R1



PB9321R6



PB9321R7



	NSYTRV22	NSYTRV42	NSYTRV62
Nominal c.s.a.	2.5 mm ²	4 mm ²	6 mm ²
Type of block	Passthrough	Passthrough	Passthrough
Type of connection	1 pole - 1 x 1	1 pole - 1 x 1	1 pole - 1 x 1
Colour	Grey	Grey	Grey
Max. electric values (U _{max} , I _{max})	1000 V, 32 A	1000 V, 41 A	1000 V, 57 A
Dimensions (mm)			
Length	47.7	47.7	47.7
Height	47.5	47.5	47.5
Width	5.2	6.2	8.2
Cabling c.s.a. (mm ²)	2.5	4	6
Flexible cable	0.14 - 4	0.14 - 6	0.2 - 10
Solid cable	0.14 - 4	0.14 - 6	0.2 - 10
Nominal electric values			
IEC/EN 60947-7-1	1000 V, 24 A	1000 V, 32 A	1000 V, 41 A
UL	600 V, 20 A, 26 - 12 AWG	600 V, 30 A, 26 - 10 AWG	600 V, 50 A, 24 - 8 AWG
CSA	600 V, 20 A, 26 - 12 AWG	600 V, 30 A, 26 - 10 AWG	600 V, 50 A, 24 - 8 AWG
ATEX	690 V, 22 A	690 V, 30 A	690 V, 40 A
Certifications	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST

Terminal blocks

	Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
Grey	50	NSYTRV22	50	NSYTRV42	50	NSYTRV62
Blue	50	NSYTRV22BL	50	NSYTRV42BL	50	NSYTRV62BL
Orange	50	NSYTRV22AR	50	NSYTRV42AR	-	-
Red	50	NSYTRV22RD	50	NSYTRV42RD	-	-
Green	-	-	-	NSYTRV42GN	-	-
White	50	NSYTRV22WH	50	NSYTRV42WH	-	-
Black	-	-	-	NSYTRV42BK	-	-

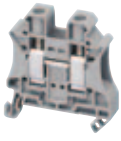
Accessories

End stop	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
for 35 mm DIN rail	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
End plate,	Grey	50	NSYTRAC22	50	NSYTRAC22	50	NSYTRAC22
width 2.2 mm	Blue	50	NSYTRAC22BL	50	NSYTRAC22BL	50	NSYTRAC22BL
Partition plate,	Grey	50	NSYTRAP22	50	NSYTRAP22	50	NSYTRAP22
width 2 mm	Blue	50	NSYTRAP22BL	50	NSYTRAP22BL	50	NSYTRAP22BL
Plug-in bridge	2-pole	50	NSYTRAL22	50	NSYTRAL42	10	NSYTRAL62
Red	3-pole	50	NSYTRAL23	50	NSYTRAL43	10	NSYTRAL63
	4-pole	50	NSYTRAL24	50	NSYTRAL44	-	-
	5-pole	50	NSYTRAL25	50	NSYTRAL45	-	-
	10-pole	10	NSYTRAL210	10	NSYTRAL410	10	NSYTRAL610
	20-pole	10	NSYTRAL220	10	NSYTRAL420	-	-
Blue	10-pole	10	NSYTRAL210BL	10	NSYTRAL410BL	10	NSYTRAL610BL
Grey	10-pole	10	NSYTRAL210GR	10	NSYTRAL410GR	10	NSYTRAL610GR
Step-down bridge,	Screw to screw terminal	-	-	-	-	10	NSYTRALV62
down to 2.5/4 mm ²	Screw to spring terminal	-	-	-	-	10	NSYTRALVR62
Vertical bridge	1-pole	-	-	-	-	-	-
Test plug	Metalic part, Ø 2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
Warning label	Yellow	10	NSYTRACS2	10	NSYTRACS4	10	NSYTRACS6
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSR200BD	20	NSYSR200BD	20	NSYSR200BD
Marking accessories		See page 126					

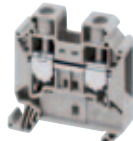
General data

Strip length (mm)	9	9	10
Screw thread	M3	M3	M4
Torque (Nm)	0.5 - 0.6	0.6 - 0.8	1.5 - 1.8

PE602173



PE602189



PE602190



PE602194



NSYTRV102	NSYTRV162	NSYTRV352	NSYTRV502
10 mm ²	16 mm ²	35 mm ²	50 mm ²
Passthrough	Passthrough	Passthrough	Passthrough
1 pole - 1 x 1	1 pole - 1 x 1	1 pole - 1 x 1	1 pole - 1 x 1
Grey	Grey	Grey	Grey
1000 V, 76 A	1000 V, 101 A	1000 V, 125 A	1000 V, 150 A

47.7	55.5	60.2	70.5
47.5	55	65.7	83.5
10.2	12.2	16	20
10	16	35	50
0.5 - 16	1.5 - 25	1.5 - 50	25 - 70
0.5 - 16	1.5 - 25	1.5 - 50	16 - 70

1000 V, 57 A	1000 V, 76 A	1000 V, 125 A	1000 V, 150 A
600 V, 65 A, 20 - 6 AWG	600 V, 85 A, 16 - 4 AWG	600 V, 150 A, 14 - 1/0 AWG	600 V, 150 A, 6 - 1/0 AWG
600 V, 65 A, 20 - 6 AWG	600 V, 85 A, 16 - 4 AWG	600 V, 150 A, 14 - 1/0 AWG	600 V, 150 A, 6 - 1/0 AWG
690 V, 54 A	690 V, 73 A	690 V, 126 A	690 V, 137 A
UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEx, GL, GOST	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST

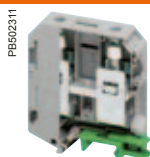
Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTRV102	50	NSYTRV162	50	NSYTRV352	10	NSYTRV502
50	NSYTRV102BL	50	NSYTRV162BL	50	NSYTRV352BL	10	NSYTRV502BL
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRAC22	50	NSYTRAC162	-	Included	-	Included
50	NSYTRAC22BL	-	-	-	-	-	-
50	NSYTRAP22	-	-	-	-	-	-
50	NSYTRAP22BL	-	-	-	-	-	-
10	NSYTRAL102	10	NSYTRAL162	10	NSYTRAL352	10	NSYTRAL502 *
-	-	-	-	-	-	10	NSYTRAL503 *
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
10	NSYTRALV102	10	NSYTRALV162	10	NSYTRALV352	-	-
10	NSYTRALVR102	10	NSYTRALVR162	10	NSYTRALVR352	-	-
-	-	-	-	-	-	-	-
10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT	-	-
10	NSYTRACS10	10	NSYTRACS10	10	NSYTRACS10	10	NSYTRACS10
100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
20	NSYS DR200BD	20	NSYS DR200BD	20	NSYS DR200BD	20	NSYS DR200BD

10	14	18	24
M4	M5	M6	M6
1.5 - 1.8	2.5 - 3	3.2 - 3.7	6 - 8

*Screw bridge

Screw terminal blocks - High current



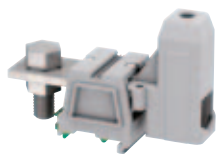
PE602311



PE602199

		NSYTRV702	NSYTRV952BB		
Nominal c.s.a.		70 mm ²	95 mm ²		
	Type of block	Passthrough	Passthrough - lug to lug		
	Type of connection	1 pole - 1 x 1	1 pole - 1 x 1		
	Color	Grey	Grey		
Max. electric values		1000 V, 192 A	1000 V, 232 A		
Dimensions (mm)					
	Length	70.5	110		
	Height	87.5	56		
	Width	20.3	40		
Cabling c.s.a. (mm ²)		70	95		
	Flexible cable	25 - 70	35 - 95		
	Solid cable	16 - 95	25 - 95		
Nominal electric values					
	IEC/EN 60947-7-1	1000 V, 192 A	1000 V, 232 A		
	UL	600 V, 192 A, 4 - 3/0 AWG	600 V, 230 A, 2 - 4/0 AWG		
	CSA	600 V, 192 A, 4 - 3/0 AWG	600 V, 230 A, 2 - 4/0 AWG		
	ATEX Ⓜ	-	-		
Certifications		UL, CSA, VDE, GL, LR, DNV, GOST	UL, CSA, GL, GOST		
Terminal blocks					
	Grey	Sold in lots of 10	Unit reference NSYTRV702	Sold in lots of 10	Unit reference NSYTRV952BB
	Blue	-	-	-	-
Accessories					
End stop for 35 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35
	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35
End plate	Grey	-	Included	-	-
Partition plate	Grey	-	-	10	NSYTRAC952
Screw bridge	2-pole	10	NSYTRAL702	10	NSYTRAL952
	3-pole	-	-	-	-
Test plug	Metalic part, Ø 2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	-	-	-	-
Cover	Grey	-	-	10	NSYTRACP1
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRA SB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYS DR200BD	20	NSYS DR200BD
Marking accessories		See page 126			
General data					
	Strip length (mm)	24		29	
	Screw thread	M8		M12	
	Torque (Nm)	08 - 10		25 - 30	

PB602953



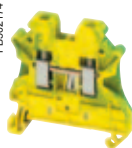
PB60260



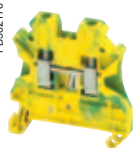
NSYTRV952BC		NSYTRV1502BB	
95 mm ²		150 mm ²	
Passthrough - lug to connector		Passthrough - lug to lug	
1 pole - 1 x 1		1 pole - 1 x 1	
Grey		Grey	
1000 V, 232 A		1000 V, 309 A	
114		119	
86		100	
40		46	
95		150	
35 - 95		50 - 150	
25 - 95		35 - 150	
1000 V, 232 A		1000 V, 309 A	
600 V, 230 A, 2 - 4/0 AWG		600 V, 285 A, 2 - 300 AWG/kcmil	
600 V, 230 A, 2 - 4/0 AWG		600 V, 285 A, 2 - 300 AWG/kcmil	
UL, CSA, GL, GOST		UL, CSA, GL	
Sold in lots of	Unit reference	Sold in lots of	Unit reference
10	NSYTRV952BC	10	NSYTRV1502BB
-	-	-	-
50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35
-	-	-	-
10	NSYTRAC952	10	NSYTRAC952
10	NSYTRAL952	10	NSYTRAL1502
-	-	-	-
10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1
-	-	-	-
10	NSYTRACP1	10	NSYTRACP2
100	NSYTRASB4	100	NSYTRA SB4
20	NSYSDR200BD	20	NSYSDR200BD
29		29	
M8 / M12		M12	
15 - 20 / 25 - 30		25 - 30	

Screw terminal blocks - Protective earth

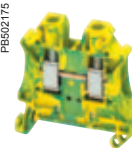
PB602174



PB602176

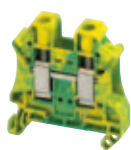


PB602175

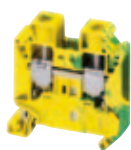


		NSYTRV22PE	NSYTRV42PE	NSYTRV62PE			
Nominal c.s.a.		2.5 mm ²	4 mm ²	6 mm ²			
	Type of block	Protective earth	Protective earth	Protective earth			
	Type of connection	1 pole - 1 x 1	1 pole - 1 x 1	1 pole - 1 x 1			
	Colour	Green/Yellow	Green/Yellow	Green/Yellow			
Max. electric values							
Dimensions (mm)							
	Length	47.7	47.7	47.7			
	Height	47.5	47.5	47.5			
	Width	5.2	6.2	8.2			
Cabling c.s.a. (mm ²)		2.5	4	6			
	Flexible cable	0.14 - 4	0.14 - 6	0.2 - 10			
	Solid cable	0.14 - 4	0.14 - 6	0.2 - 10			
Nominal electric values							
	IEC/EN 60947-7-1	-	-	-			
	UL	26 - 12 AWG	26 - 10 AWG	24 - 8 AWG			
	CSA	26 - 12 AWG	26 - 10 AWG	24 - 8 AWG			
	ATEX	-	-	-			
Certifications		UL, CSA, VDE, ATEX, IECEx, GL, LR; DNV, GOST	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST			
Terminal blocks							
	Green/Yellow	Sold in lots of 50	Unit reference NSYTRV22PE	Sold in lots of 50	Unit reference NSYTRV42PE	Sold in lots of 50	Unit reference NSYTRV62PE
Accessories							
End stop for 35 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
End plate, width 2.2 mm	Grey	50	NSYTRAC22	50	NSYTRAC22	50	NSYTRAC22
	Blue	50	NSYTRAC22BL	50	NSYTRAC22BL	50	NSYTRAC22BL
Partition plate, width 2 mm	Grey	50	NSYTRAP22	50	NSYTRAP22	50	NSYTRAP22
	Blue	50	NSYTRAP22BL	50	NSYTRAP22BL	50	NSYTRAP22BL
Plug-in bridge Red	2-pole	50	NSYTRAL22	50	NSYTRAL42	10	NSYTRAL62
	3-pole	50	NSYTRAL23	50	NSYTRAL43	10	NSYTRAL63
	4-pole	50	NSYTRAL24	50	NSYTRAL44	-	-
	5-pole	50	NSYTRAL25	50	NSYTRAL45	-	-
	10-pole	10	NSYTRAL210	10	NSYTRAL410	10	NSYTRAL610
	20-pole	10	NSYTRAL220	10	NSYTRAL420	-	-
Test plug	Metalic part, Ø 2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
Warning label	Yellow	10	NSYTRACS2	10	NSYTRACS4	10	NSYTRACS6
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSR200BD	20	NSYSR200BD	20	NSYSR200BD
Marking accessories		See page 126					
General data							
	Strip length (mm)	9		9		10	
	Screw thread	M3		M3		M4	
	Torque (Nm)	0.5 - 0.6		0.6 - 0.8		1.5 - 1.8	

PG602180



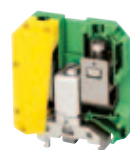
PG602185



PG602177



PG602186



NSYTRV102PE	NSYTRV162PE	NSYTRV352PE	NSYTRV502PE
10 mm ²	16 mm ²	35 mm ²	50 mm ²
Protective earth	Protective earth	Protective earth	Protective earth
1 pole - 1 x 1	1 pole - 1 x 1	1 pole - 1 x 1	1 pole - 1 x 1
Green/Yellow	Green/Yellow	Green/Yellow	Green/Yellow

47.7	55	65.7	70.5
47.5	55.5	60.2	83.5
10.2	12.2	16	20
10	16	35	50
0.5 - 16	1.5 - 25	1.5 - 35	25 - 70
0.5 - 16	1.5 - 25	1.5 - 35	16 - 70

76 A	101 A	125 A	150 A
20 - 6 AWG	16 - 4 AWG	14 - 1/0 AWG	6 - 1/0 AWG
20 - 6 AWG	16 - 4 AWG	14 - 1/0 AWG	6 - 1/0 AWG
-	-	-	-
UL, CSA, VDE, ATEX, IECEX, GL, LR; DNV, GOST	UL, CSA, VDE, ATEX, IECEX, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEX, GL, GOST	UL, CSA, ATEX, IECEX, GL, LR, DNV, GOST

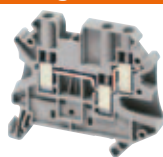
Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTRV102PE	50	NSYTRV162PE	50	NSYTRV352PE	50	NSYTRV502PE

50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRAC22	50	NSYTRAC162	-	Included	-	Included
50	NSYTRAC22BL	-	-	-	-	-	-
50	NSYTRAP22	-	-	-	-	-	-
50	NSYTRAP22BL	-	-	-	-	-	-
10	NSYTRAL102	10	NSYTRAL162	10	NSYTRAL352	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
10	NSYTRACS10	10	NSYTRACS10	10	NSYTRACS10	10	NSYTRACS10
100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
20	NSYSR200BD	20	NSYSR200BD	20	NSYSR200BD	20	NSYSR200BD

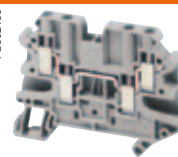
10	14	18	24
M4	M5	M6	M6
1.5 - 1.8	2.5 - 3	3.2 - 3.7	6 - 8

Screw terminal blocks - Double deck passthrough

PBE02181

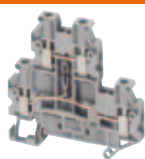


PBE02183

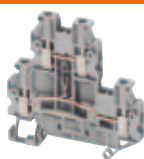


		NSYTRV43	NSYTRV44		
Nominal c.s.a.		4 mm ²	4 mm ²		
	Type of block	Passthrough - Multi-pole	Passthrough - Multi-pole		
	Type of connection	1 pole - 1 x 2	1 pole - 2 x 2		
	Colour	Grey	Grey		
Max. electric values (U _{max} , I _{max})		500 V, 41 A	500 V, 39 A		
Dimensions (mm)					
	Length	57.8	65.4		
	Height	47.5	47.5		
	Width	6.2	6.2		
Cabling c.s.a. (mm ²)		4	4		
	Flexible cable	0.14 - 6	0.14 - 6		
	Solid cable	0.14 - 6	0.14 - 6		
Nominal electric values					
	IEC/EN 60947-7-1	500 V, 32 A	500 V, 32 A		
	UL	150 V, 30 A, 26 - 10 AWG	150 V, 30 A, 26 - 10 AWG		
	CSA	150 V, 30 A, 26 - 10 AWG	150 V, 30 A, 26 - 10 AWG		
	ATEX	352 V, 29 A	352 V, 29 A		
Certifications		UL, CSA, ATEX, IECEx, GL, LR, DNV, GOST	UL, CSA, ATEX, IECEx, GL, LR, DNV, GOST		
Terminal blocks					
		Sold in lots of	Unit reference	Sold in lots of	Unit reference
	Grey	50	NSYTRV43	50	NSYTRV44
	Blue	50	NSYTRV43BL	50	NSYTRV44BL
Accessories					
End stop for 35 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35
	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35
End plate, width 2.2 mm	Grey	50	NSYTRAC23	50	NSYTRAC24
	Grey, partial plate	-	-	-	-
Partition plate, width 2 mm	Grey	50	NSYTRAP23	50	NSYTRAP24
	Blue	-	-	-	-
Plug-in bridge Red	2-pole	50	NSYTRAL42	50	NSYTRAL42
	3-pole	50	NSYTRAL43	50	NSYTRAL43
	4-pole	50	NSYTRAL44	50	NSYTRAL44
	5-pole	50	NSYTRAL45	50	NSYTRAL45
	10-pole	10	NSYTRAL410	10	NSYTRAL410
	20-pole	10	NSYTRAL420	10	NSYTRAL420
Vertical bridge	1-pole	-	-	-	-
Test plug	Metalic part, Ø 2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT
Warning label	Yellow	10	NSYTRACS4	10	NSYTRACS4
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD	20	NSYSDR200BD
Marking accessories		See page 126			
General data					
	Strip length (mm)	9		9	
	Screw thread	M3		M3	
	Torque (Nm)	0.6 - 0.8		0.6 - 0.8	

PE602167



PE602168



PE602165



NSYTRV24D		NSYTRV44D		NSYTRV26T	
2.5 mm ²		4 mm ²		2.5 mm ²	
Passthrough - Double deck		Passthrough - Double deck		Passthrough - Triple deck	
2 pole - 1 x 1		2 pole - 1 x 1		3 pole - 1 x 1	
Grey		Grey		Grey	
500 V, 28 A		800 V, 36 A		500 V, 24 A	
69.9		69.9		90	
65		65		77.5	
5.2		6.2		5.2	
2.5		4		2.5	
0.14 - 4		0.14 - 6		0.14 - 4	
0.14 - 4		0.14 - 6		0.14 - 4	
500 V, 24 A		800 V, 30 A		500 V, 20 A	
600 V, 20 A, 26 - 12 AWG		600 V, 30 A, 26 - 10 AWG		600 V, 20 A, 26 - 12 AWG	
600 V, 20 A, 26 - 12 AWG		600 V, 30 A, 26 - 10 AWG		600 V, 20 A, 26 - 12 AWG	
352 V, 20 A		440 V, 25.5 A		-	
UL, CSA, ATEX, IECEx, GL, LR, DNV, GOST		UL, CSA, ATEX, IECEx, GL, LR, DNV, GOST		UL, CSA, GOST	
Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTRV24D	50	NSYTRV44D	50	NSYTRV26T
50	NSYTRV24DBL	50	NSYTRV44DBL	-	-
50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRACE24	50	NSYTRACE24	50	NSYTRACE26
50	NSYTRACEP24	50	NSYTRACEP24	-	-
50	NSYTRAPE24	50	NSYTRAPE24	-	-
-	-	-	-	-	-
50	NSYTRAL22	50	NSYTRAL42	50	NSYTRAL22
50	NSYTRAL23	50	NSYTRAL43	50	NSYTRAL23
50	NSYTRAL24	50	NSYTRAL44	50	NSYTRAL24
50	NSYTRAL25	50	NSYTRAL45	50	NSYTRAL25
10	NSYTRAL210	10	NSYTRAL410	10	NSYTRAL210
10	NSYTRAL220	10	NSYTRAL420	10	NSYTRAL220
50	NSYTRALV24	50	NSYTRALV24	-	-
10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
10	NSYTRACS2	10	NSYTRACS4	10	NSYTRACS2
100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD
9		9		9	
M3		M3		M3	
0.5 - 0.6		0.6 - 0.8		0.5 - 0.6	

Screw terminal blocks - Double deck protective earth

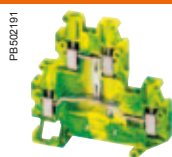
PB502102



PB502104



		NSYTRV43PE	NSYTRV44PE		
Nominal c.s.a.		4 mm ²	4 mm ²		
	Type of block	Protective earth - Multi-pole	Protective earth - Multi-pole		
	Type of connection	1 pole - 1 x 2	1 pole - 2 x 2		
	Colour	Green/Yellow	Green/Yellow		
Max. electric values		-	-		
Dimensions (mm)					
	Length	57.8	65.4		
	Height	47.5	47.5		
	Width	6.2	6.2		
Cabling c.s.a. (mm ²)		4	4		
	Flexible cable	0.14 - 6	0.14 - 6		
	Solid cable	0.14 - 6	0.14 - 6		
Nominal electric values					
	IEC/EN 60947-7-1	-	-		
	UL	26 - 12 AWG	26 - 12 AWG		
	CSA	26 - 12 AWG	26 - 12 AWG		
	ATEX	-	-		
Certifications		UL, CSA, ATEX, IECEx, GL, LR, DNV, GOST	UL, CSA, ATEX, IECEx, GL, LR, DNV, GOST		
Terminal blocks					
	Green/Yellow	Sold in lots of 50	Unit reference NSYTRV43PE	Sold in lots of 50	Unit reference NSYTRV44PE
Accessories					
End stop	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35
for 35 mm DIN rail	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35
End plate, width 2.2 mm	Grey	50	NSYTRAC23	50	NSYTRAC24
	Grey, partial plate	-	-	-	-
Partition plate, width 2 mm	Grey	50	NSYTRAP23	50	NSYTRAP24
	Blue	-	-	-	-
Plug-in bridge Red	2-pole	50	NSYTRAL42	50	NSYTRAL42
	3-pole	50	NSYTRAL43	50	NSYTRAL43
	4-pole	50	NSYTRAL44	50	NSYTRAL44
	5-pole	50	NSYTRAL45	50	NSYTRAL45
	10-pole	10	NSYTRAL410	10	NSYTRAL410
	20-pole	10	NSYTRAL420	10	NSYTRAL420
Test plug	Metalic part, Ø 2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT
Warning label	Yellow	100	NSYTRACS4	100	NSYTRACS4
Marker tag holder	For ●AB35 end stop	20	NSYTRASB4	20	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD	20	NSYSDR200BD
Marking accessories		See page 126			
General data					
	Strip length (mm)	9		9	
	Screw thread	M3		M3	
	Torque (Nm)	0.6 - 0.8		0.6 - 0.8	



NSYTRV24DPE	NSYTRV44DPE
2.5 mm ²	4 mm ²
Protective earth - Double deck	Protective earth - Double deck
1 pole - 2 x 2	1 pole - 2 x 2
Green/Yellow	Green/Yellow
-	-
69.9	69.9
65	65
5.2	6.2
2.5	4
0.14 - 4	0.14 - 6
0.14 - 4	0.14 - 6
-	-
26 - 12 AWG	26 - 10 AWG
26 - 12 AWG	26 - 10 AWG
-	-
UL, CSA, ATEX, IECEx, GL, LR, DNV, GOST	UL, CSA, ATEX, IECEx, GL, LR, DNV, GOST

Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTRV24DPE	50	NSYTRV44DPE
50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRACE24	50	NSYTRACE24
50	NSYTRACEP24	50	NSYTRACEP24
50	NSYTRAPE24	50	NSYTRAPE24
-	-	-	-
50	NSYTRAL22	50	NSYTRAL42
50	NSYTRAL23	50	NSYTRAL43
50	NSYTRAL24	50	NSYTRAL44
50	NSYTRAL25	50	NSYTRAL45
10	NSYTRAL210	10	NSYTRAL410
10	NSYTRAL220	10	NSYTRAL420
10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1
10	NSYTRAFT	10	NSYTRAFT
100	NSYTRACS2	100	NSYTRACS4
20	NSYTRASB4	20	NSYTRASB4
20	NSYSDR200BD	20	NSYSDR200BD

9	9
M3	M3
0.5 - 0.6	0.6 - 0.8

Screw terminal blocks - Disconnect

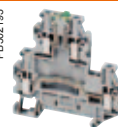
PB502179



PB502178



PB502193



		NSYTRV42SC	NSYTRV42TB	NSYTRV42SCD			
Nominal c.s.a.		4 mm ²	4 mm ²	4 mm ²			
	Type of block	Disconnect (blade)	Disconnect (for carrier)	Disconnect - Double deck			
	Type of connection	1 pole - 1 x 1	1 pole - 1 x 1	2 pole - 1 x 1			
	Color	Grey	Grey	Grey			
Max. electric values (U _{max} , I _{max})		500 V, 20 A	400 V, 20 A	500 V, 38 A			
Dimensions (mm)							
	Length	57.8	57.8	69.9			
	Height	49.1	47.5	65			
	Width	6.2	6.2	6.2			
Cabling c.s.a. (mm ²)		4	4	4			
	Flexible cable	0.14 - 6	0.14 - 6	0.14 - 6			
	Solid cable	0.14 - 6	0.14 - 6	0.14 - 6			
Nominal electric values							
	IEC/EN 60947-7-1	500 V, 20 A	500 V, 20 A	500 V, 30 A			
	UL	600 V, 16 A, 26 - 10 AWG	600 V, 16 A, 26 - 10 AWG	300 V, 30 A, 26 - 10 AWG			
	CSA	600 V, 16 A, 26 - 10 AWG	600 V, 16 A, 26 - 10 AWG	300 V, 30 A, 26 - 10 AWG			
	ATEX	-	-	-			
Certifications		UL, CSA, GOST	UL, CSA, GOST	UL, CSA, GOST			
Terminal blocks							
		Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
	Grey	50	NSYTRV42SC	50	NSYTRV42TB	50	NSYTRV42SCD
	Grey, with test points	50	NSYTRV42ST	-	-	-	-
	Orange, with test points	50	NSYTRV42STAR	-	-	-	-
Accessories							
End stop	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
for 35mm DIN rail	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
End plate,	Grey	-	Included	-	Included	50	NSYTRACE24
width 2.2 mm	Grey, partial plate	-	-	-	-	50	NSYTRACPE24
Partition plate,	Grey	50	NSYTRAP23	50	NSYTRAP23	50	NSYTRAPE24
width 2 mm	Blue	-	-	-	-	-	-
Plug-in bridge	2-pole	50	NSYTRAL42	50	NSYTRAL42	50	NSYTRAL42
Red	3-pole	50	NSYTRAL43	50	NSYTRAL43	50	NSYTRAL43
	4-pole	50	NSYTRAL44	50	NSYTRAL44	50	NSYTRAL44
	5-pole	50	NSYTRAL45	50	NSYTRAL45	50	NSYTRAL45
	10-pole	10	NSYTRAL410	10	NSYTRAL410	10	NSYTRAL410
	20-pole	10	NSYTRAL420	10	NSYTRAL420	10	NSYTRAL420
Vertical bridge	1-pole	-	-	-	-	-	-
Removable carrier	For fuse 5 x 20 mm	-	-	-	NSYTRASF520	-	-
	For fuse 5 x 20 mm 110 - 250 V LED	-	-	-	NSYTRASF520M	-	-
	For fuse 5 x 20 mm 12 - 30 V LED	-	-	-	NSYTRASF520B	-	-
	For component	-	-	-	NSYTRASV1	-	-
	With 1N4007 diode	-	-	-	NSYTRASV2	-	-
Test plug	Metalic part, Ø 2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
Warning label	Yellow	10	NSYTRACS4	10	NSYTRACS4	10	NSYTRACS4
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD
Marking accessories		See page 126					
General data							
	Strip length (mm)	9	9	9	9	9	9
	Screw thread	M3	M3	M3	M3	M3	M3
	Torque (Nm)	0.6 - 0.8	0.6 - 0.8	0.6 - 0.8	0.6 - 0.8	0.6 - 0.8	0.6 - 0.8

Screw terminal blocks - Fuse disconnect



		NSYTRV162SF	NSYTRV42SF5	NSYTRV42SF6				
Nominal c.s.a.		16 mm ²	4 mm ²	16 mm ²				
	Type of block	Disconnect (fixed carrier)	Disconnect (Lever-type fuse)	Disconnect (Lever-type fuse)				
	Type of connection	1 pole - 1 x 1	1 pole - 1 x 1	1 pole - 1 x 1				
	Type of fuse	G-fuse cartridge 5 x 20 mm	G-fuse cartridge 5 x 20 mm	G-fuse cartridge 6.3 x 32 mm				
	Colour	Black	Black	Black				
Max. electric values (U _{max} , I _{max})		500 V, 10 A	500 V, 6.3 A	500 V, 10 A				
Dimensions (mm)								
	Length	62	72.5	79				
	Height	57.2	56.5	60.5				
	Width	12	8.2	10.2				
Cabling c.s.a. (mm ²)		16	4	16				
	Flexible cable	0.5 - 16	0.2 - 4	0.5 - 16				
	Solid cable	0.5 - 16	0.2 - 4	0.5 - 16				
Nominal electric values								
	IEC/EN 60947-7-1	500 V, 10 A	500 V, 6.3 A	500 V, 10 A				
	UL	300 V, 20 A, 24 - 6 AWG	600 V, 12 A, 26 - 10 AWG	600 V, 10 A, 26 - 8 AWG				
	CSA	300 V, 20 A, 24 - 6 AWG	600 V, 12 A, 26 - 10 AWG	600 V, 10 A, 26 - 8 AWG				
	ATEX	-	-	-				
Certifications		UL, CSA, LR, DNV, GOST	UL, CSA, GOST	UL, CSA, GOST				
Terminal blocks								
		Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference	
	Black	50	NSYTRV162SF	50	NSYTRV42SF5	50	NSYTRV42SF6	
	Black, with light indicator, 12-30 V AC/DC (1)	-	-	50	NSYTRV42SF5LD	50	NSYTRV42SF6LD	
	Black, with light indicator, 110-250 V AC/DC (2)	-	-	50	NSYTRV42SF5LA	50	NSYTRV42SF6LA	
Accessories								
End stop	Clip-on. 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35	
for 35 mm DIN rail	With screw. 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35	
End plate,	Grey	-	Included	-	Included	-	Included	
width 2.2 mm	Grey, partial plate	-	-	-	-	-	-	
Vertical bridge	1-pole	-	-	-	-	-	-	
Screw bridge	2-pole	10	NSYTRALF1610	-	-	-	-	
Test plug	Metalic part, Ø 2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1	
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1	
Test adaptor	For plug-in bridge shaft	-	-	-	-	-	-	
Warning label	Yellow	-	-	-	-	-	-	
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4	
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSR200BD	20	NSYSR200BD	20	NSYSR200BD	
Marking accessories		See page 126						
General data								
	Strip length (mm)	11		8		9		
	Screw thread	M4		M3		M3		
	Torque (Nm)	1.5 - 1.8		0.5 - 0.8		0.6 - 0.8		

(1) If the fuse is faulty, the downstream circuit is not off load.

(2) The current is determined by the fuse used, the voltage by the light indicator. Observe max. power dissipation.

Screw terminal blocks - Measuring terminals

PB602208

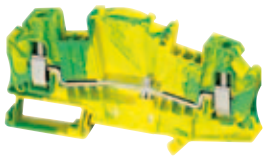


PB602211



		NSYTRV62TTD		NSYTRV62TT	
Nominal c.s.a.		6 mm ²		6 mm ²	
	Type of block	Knife disconnect		Passthrough	
	Type of connection	1 pole - 1 x 1		1 pole - 1 x 1	
	Colour	Grey		Grey	
Max. electric values (U _{max} , I _{max})		500 V, 30 A		500 V, 30 A	
Dimensions (mm)					
	Length	100.8		100.8	
	Height	49.6		49.6	
	Width	8.2		8.2	
Cabling c.s.a. (mm ²)		6		6	
	Flexible cable	0.2 - 10		0.2 - 10	
	Solid cable	0.2 - 10		0.2 - 10	
Nominal electric values					
	IEC/EN 60947-7-1	500 V, 30 A		500 V, 30 A	
	UL	600 V, 30 A, 24 - 8 AWG		600 V, 30 A, 24 - 8 AWG	
	CSA	600 V, 30 A, 24 - 8 AWG		600 V, 30 A, 24 - 8 AWG	
	ATEX Ⓢ	-		-	
Certifications		UL, CSA, GOST		UL, CSA, GOST	
Terminal blocks					
		Sold in lots of	Unit reference	Sold in lots of	Unit reference
	Grey	50	NSYTRV62TTD	50	NSYTRV62TT
	Green/Yellow	-	-	-	-
Accessories					
End stop for 35 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35
	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35
End plate, width 2.2 mm	Grey	50	NSYTRACT22	50	NSYTRACT22
	Blue	-	-	-	-
Switching jumper, pluggable	2 points	10	NSYTRASJ2	10	NSYTRASJ2
	3 points	10	NSYTRASJ3	10	NSYTRASJ3
	4 points	10	NSYTRASJ4	10	NSYTRASJ4
Plug-in bridge Red	2-pole	10	NSYTRAL62	10	NSYTRAL62
	3-pole	10	NSYTRAL63	10	NSYTRAL63
	4-pole	-	-	-	-
	5-pole	-	-	-	-
	10-pole	10	NSYTRAL610	10	NSYTRAL610
Switching lock	Pluggable	10	NSYTRASJ6	10	NSYTRASJ6
Test plug	Metallic part, Ø 2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1
Test plug adaptor For plug-in bridge shaft	Grey	10	NSYTRAFT	10	NSYTRAFT
	Orange	10	NSYTRAFTAR	10	NSYTRAFTAR
	Yellow	10	NSYTRAFTYE	10	NSYTRAFTYE
	Green	10	NSYTRAFTGN	10	NSYTRAFTGN
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD	20	NSYSDR200BD
Marking accessories		See page 126			
General data					
	Strip length (mm)	10		10	
	Screw thread	M4		M4	
	Torque (Nm)	1.5 - 1.8		1.5 - 1.8	

PE602312



NSYTRV62TTPE
6 mm ²
Protective earth
1 pole - 1 x 1
Green/Yellow
-

100.8
49.6
8.2
6
0.2 - 10
0.2 - 10

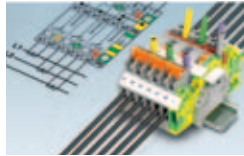
-
24 - 8 AWG
24 - 8 AWG
-
UL, CSA, GOST

Sold in lots of	Unit reference
-	-
50	NSYTRV62TTPE

50	NSYTRAAB35
50	NSYTRAABV35
50	NSYTRACT22
-	-
-	-
-	-
-	-
10	NSYTRAL62
10	NSYTRAL63
-	-
-	-
10	NSYTRAL610
-	-
10	NSYTRAATM1
10	NSYTRAATP1
10	NSYTRAFT
10	NSYTRAFTAR
10	NSYTRAFTYE
10	NSYTRAFTGN
100	NSYTRASB4
20	NSYSDR200BD

10
M4
1.5 - 1.8

PB602395



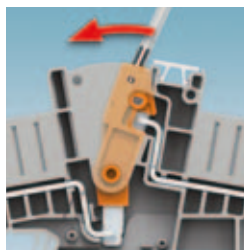
Only two **NSYTRV62TTD** measuring transducer disconnect terminal blocks are required for a current transformer measuring circuit. This means that less space is required compared to a circuit design using slide-type terminal blocks.

PB602399



The new **NSYTRV62TT** measuring transducer disconnect terminal blocks with screw connection technology are characterised by easy operation and clarity. All switching statuses are instantly clearly visible. Due to the extensive range of flexible accessories, costs and time are saved when executing all transducer test circuit tasks.

PB602398



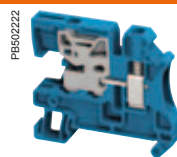
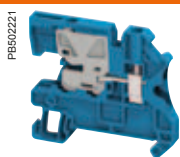
The longitudinal isolating switch contacts snap safely into their respective switching state. Imprinted switching symbols ensure clarity. The optional switching lock snaps in and effectively prevents accidental switching. For simultaneous actuation, two switches can be connected to each other using a connection bridge.

PB602396



The **NSYTRASJ** switch jumpers can be placed on both sides of the disconnect point in the bridge shaft and can be securely snapped in irrespective of the terminal strip configuration. The bridge for the transformer short-circuit can be securely engaged in the end positions and screw terminal points are used to make contact.

Screw terminal blocks - Neutral disconnect



		NSYTRV42NE	NSYTRV62NE		
Nominal c.s.a.		4 (6) mm ²	6 (10) mm ²		
	Type of block	Neutral disconnect	Neutral disconnect		
	Type of connection	1 pole - 1 x 1	1 pole - 1 x 1		
	Colour	Blue	Blue		
Max. electric values (U _{max} , I _{max})		250 V, 32 A	400 V, 41 A		
Dimensions (mm)					
	Length	55	55		
	Height	47,5	47,5		
	Width	6,2	8,2		
Cabling c.s.a. (mm ²)		4	6		
	Flexible cable	0.14 - 6	0.2 - 10		
	Solid cable	0.14 - 6	0.2 - 10		
Nominal electric values					
	IEC/EN 60947-7-1	250 V, 32 A	400 V, 41 A		
	UL	-	-		
	CSA	-	-		
	ATEX	-	-		
Certifications		GOST	GOST		
Terminal blocks					
	Blue	Sold in lots of 50	Unit reference NSYTRV42NE	Sold in lots of 50	Unit reference NSYTRV62NE
Accessories					
End stop for 35 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35
	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35
End plate, width 2.2 mm	Grey	50	NSYTRAC22	50	NSYTRAC22
	Blue	50	NSYTRAC22BL	50	NSYTRAC22BL
Partition plate, width 2 mm	Grey	50	NSYTRAP22	50	NSYTRAP22
	Blue	50	NSYTRAP22BL	50	NSYTRAP22BL
Plug-in bridge Red	2-pole	50	NSYTRAL42	10	NSYTRAL62
	3-pole	50	NSYTRAL43	10	NSYTRAL63
	4-pole	50	NSYTRAL44	-	-
	5-pole	50	NSYTRAL45	-	-
	10-pole	10	NSYTRAL410	10	NSYTRAL610
	20-pole	10	NSYTRAL420	-	-
Copper neutral bar	1m long, 10 x 3 mm	10	NSYTRACB103	10	NSYTRACB103
Terminal clamp for neutral bar		25	NSYBPCH516	25	NSYBPCH516
Test plug	Metalic part, Ø 2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1
	Insulating sleeve. red	10	NSYTRAATP1	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated. 2 m long	20	NSYSDR200BD	20	NSYSDR200BD
Marking accessories		See page 126			
General data					
	Strip length (mm)	9		10	
	Screw thread	M3		M4	
	Torque (Nm)	0.6 - 0.8		1.5 - 1.8	

FB602357



All **NSYTRV●●NE** disconnect terminal blocks have a screwless disconnect slide. When this is levered over with a standard screwdriver, the contact fork slides onto the busbar. The slide engages in the end positions to provide additional protection against accidental actuation. The shape of the **NSYTRV●●NE** disconnect terminal blocks is the same as for the screw terminal blocks **NSYTRV**.



Screw terminal blocks - Miniature passthrough



		NSYTRV22M	NSYTRV42M		
Nominal c.s.a.		2.5 mm ²	4 mm ²		
	Type of block	Passthrough	Passthrough		
	Type of connection	1 pole - 1 x 1	1 pole - 1 x 1		
	Colour	Grey	Grey		
Max. electric values (U _{max} , I _{max})		500 V, 24 A	500 V, 32 A		
Dimensions (mm)					
	Length	30	30		
	Height	34	34		
	Width	5.2	6.2		
Mounting on		NS15 DIN rail	NS15 DIN rail		
Cabling c.s.a. (mm ²)		2.5	4		
	Flexible cable	0.2 - 2.5	0.2 - 4		
	Solid cable	0.2 - 4	0.2 - 6		
Nominal electric values					
	IEC/EN 60947-7-1	500 V, 24 A	500 V, 32 A		
	UL	600 V, 20 A, 24 - 12 AWG	600 V, 30 A, 24 - 10 AWG		
	CSA	600 V, 20 A, 24 - 12 AWG	600 V, 30 A, 24 - 10 AWG		
	ATEX Ⓜ	500 V, 20 A	500 V, 30 A		
Certifications		UL, CSA, VDE, ATEX, IECEx, GOST	UL, CSA, VDE, ATEX, IECEx, GOST		
Terminal blocks					
		Sold in lots of	Unit reference	Sold in lots of	Unit reference
	Grey	50	NSYTRV22M	50	NSYTRV42M
	Blue	50	NSYTRV22MBL	50	NSYTRV42MBL
Accessories					
End stop for 15 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB15	50	NSYTRAAB15
End plate	Grey	50	NSYTRACM22	50	NSYTRACM22
Partition plate	Grey	50	NSYTRAPM22	50	NSYTRAPM22
Plug-in bridge Red	2-pole	50	NSYTRAL22	50	NSYTRAL42
	3-pole	50	NSYTRAL23	50	NSYTRAL43
	4-pole	50	NSYTRAL24	50	NSYTRAL44
	5-pole	50	NSYTRAL25	50	NSYTRAL45
	10-pole	10	NSYTRAL210	10	NSYTRAL410
	20-pole	10	NSYTRAL220	10	NSYTRAL420
Blue	10-pole	10	NSYTRAL210BL	10	NSYTRAL410BL
Grey	10-pole	10	NSYTRAL210GR	10	NSYTRAL410GR
Marker tag holder	For ●AB15 end stop	100	NSYTRASB4	100	NSYTRASB4
DIN rail 15 x 5mm	Perforated, 2m long	10	NSYTRADR155	10	NSYTRADR155
Marking accessories		See page 126			
General data					
	Strip length (mm)	9		8	
	Screw thread	M3		M3	
	Torque (Nm)	0.5 - 0.6		0.6 - 0.8	

Screw terminal blocks - Miniature protective earth

PIB00235

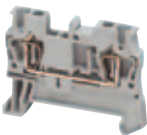
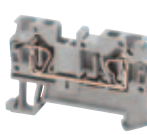
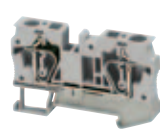





NSYTRV22MPE		NSYTRV42MPE	
2.5 mm ²		4 mm ²	
Protective earth		Protective earth	
1 pole - 1 x 1		1 pole - 1 x 1	
Green/Yellow		Green/Yellow	
-		-	
30		30	
34		34	
5.2		6.2	
NS15 DIN rail		NS15 DIN rail	
2.5		4	
0.2 - 2.5		0.2 - 4	
0.2 - 4		0.2 - 6	
-		-	
24 - 12 AWG		24 - 10 AWG	
24 - 12 AWG		24 - 10 AWG	
-		-	
UL, CSA, VDE, ATEX, IECEx, GOST		UL, CSA, VDE, ATEX, IECEx, GOST	
Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTRV22MPE	50	NSYTRV42MPE
-	-	-	-
50	NSYTRAAB15	50	NSYTRAAB15
50	NSYTRACM22	50	NSYTRACM22
50	NSYTRAPM22	50	NSYTRAPM22
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
100	NSYTRASB4	100	NSYTRASB4
10	NSYTRADR155	10	NSYTRADR155
9		8	
M3		M3	
0.5 - 0.6		0.6 - 0.8	

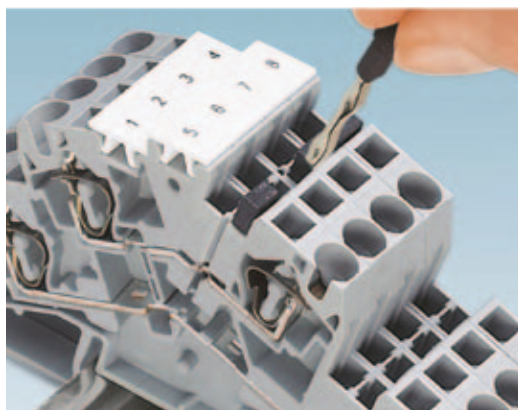
**Available
June 2013**

Description

- Spring technology is a type of connection that requires no maintenance and ensures the separation of mechanical and electrical functions.
- **NSYTRR** spring terminals significantly reduce wiring time and eliminate the need for regular re-tightening. This technology allows not only the connection of flexible conductors with or without cable ends, but also of solid conductors with a nominal c.s.a. from 0.13 mm² to 25 mm².
- **NSYTRR** terminal blocks ensure quality, safety and the operational availability of equipment. In addition to these advantages, they optimise the setting up and operation of installations, due to their simplicity and integrated functions.


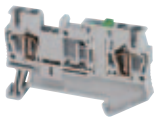
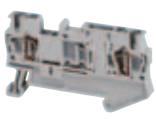



		Passthrough			
		Passthrough			
		PB602080	PB602145	PB602151	PB602284
					
Nominal c.s.a (mm ²)		2.5	4	6	10 & 16
Number of poles	1 - 1 x 1	NSYTRR22	NSYTRR42	NSYTRR62	NSYTRR102 NSYTRR162
	1 - 1 x 2	NSYTRR23	NSYTRR43	NSYTRR63	–
	1 - 2 x 2	NSYTRR24	NSYTRR44	–	–
	1 - 2 x 4	–	–	–	–
	1 - 3 x 3	–	–	–	–
	2 - 1 x 1	–	–	–	–
	2 - 1 x 2	–	–	–	–
	3 - 1 x 1	–	–	–	–
Colours	Grey	■	■	■	■
	Blue	NSYTRR22BL NSYTRR23BL NSYTRR24BL	NSYTRR42BL NSYTRR43BL NSYTRR44BL	NSYTRR62BL	NSYTRR102BL NSYTRR162BL
	Green/yellow (PE)	–	–	–	–
	Orange	NSYTRR22AR NSYTRR23AR NSYTRR24AR	NSYTRR42AR NSYTRR43AR NSYTRR44AR	–	–
	Black	–	–	–	–
	With flange	–	–	–	–
Mounting on	35 mm 	■	■	■	■
	35 mm 	■	■	■	■
	Telequick	–	–	–	–
	15 mm 	–	–	–	–
See pages	100	101	101/102	102	

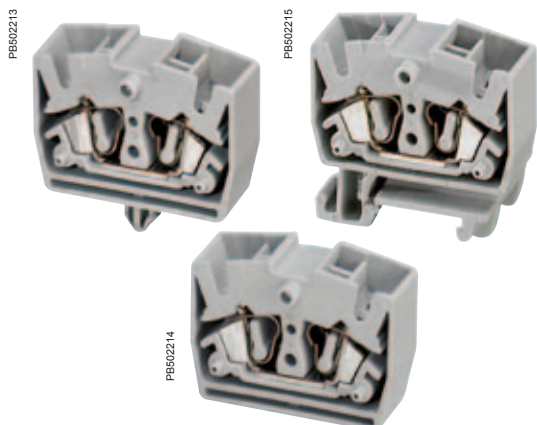
PB602254



Vertical bridge




The **NSYTRALV24R** vertical bridge offers the option of connecting both levels of the standard double-level **NSYTRR24D** and **NSYTRR44D** terminal blocks.

		Double deck		Disconnect	
		Passthrough		Blade	
		Passthrough		Removable carrier	
					
Nominal c.s.a (mm²)		2.5 & 4		2.5	
Number of poles	1 - 1 x 1	-		NSYTRR22SC	
	1 - 1 x 2	-		NSYTRR23SC	
	1 - 2 x 2	-		-	
	1 - 2 x 4	-		-	
	1 - 3 x 3	-		-	
	2 - 1 x 1	NSYTRR24D NSYTRR44D		NSYTRR24SCD	
	2 - 1 x 2	-		-	
	3 - 1 x 1	NSYTRR26T		-	
Colours	Grey	■		■	
	Blue	NSYTRR24DBL NSYTRR44DBL NSYTRR26TBL		-	
	Green/yellow (PE)	NSYTRR24DPE NSYTRR44DPE		-	
	Orange	-		NSYTRR22SCAR NSYTRR23SCAR	
	Black	-		-	
	With flange	-		-	
	Mounting on	35 mm 	x		■
	35 mm 	x		■	
	Telequick	-		-	
	15 mm 	-		-	
See pages		108		110	

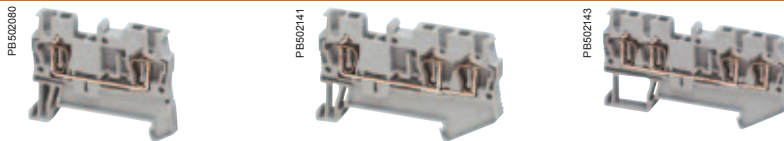


Miniature terminal blocks with maximum usage

Due to its space saving design, mini spring-cage terminal blocks are ideal for wiring in extremely restricted spaces. The generous connection space enables fast wiring of both stranded and solid conductors. They can be mounted on NS 15 DIN rail or directly mounted using screw flange or engagement pins.

Miniature			
	DIN rail mounting	Direct mounting	Pin mounting
PB602216		PB602216 	PB602217 
	2.5	2.5	2.5
	NSYTRR22M	NSYTRR22MF	NSYTRR22MP
	-	-	-
	NSYTRR24M	NSYTRR24MF	NSYTRR22MP
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	■	■	■
	NSYTRR22MBL NSYTRR24MBL	NSYTRR22MFBL NSYTRR24MFBL	NSYTRR22MPBL NSYTRR22MPBL
	NSYTRR22MPE	-	-
	-	-	-
	-	-	-
	-	NSYTRR22MFF NSYTRR24MFF	-
	-	-	-
	-	-	-
	-	-	-
	■	-	-
	112	113	113

Spring terminal blocks - Passthrough



		NSYTRR22	NSYTRR23	NSYTRR24			
Nominal c.s.a.		2.5 mm ²	2.5 mm ²	2.5 mm ²			
	Type of block	Passthrough	Passthrough	Passthrough			
	Type of connection	1 pole - 1 x 1	1 pole - 1 x 2	1 pole - 2 x 2			
	Colour	Grey	Grey	Grey			
Max. electric values (U _{max} , I _{max})		800 V, 31 A	800 V, 28 A	800 V, 28 A			
Dimensions (mm)							
	Length	48.5	60.5	72			
	Height	36.5	36.5	36.5			
	Width	5.2	5.2	5.2			
Cabling c.s.a. (mm ²)		2.5	2.5	2.5			
	Flexible cable	0.08 - 2.5	0.08 - 2.5	0.08 - 2.5			
	Solid cable	0.08 - 4	0.08 - 4	0.08 - 4			
Nominal electric values							
	IEC/EN 60947-7-1	800 V, 24 A	800 V, 24 A	800 V, 24 A			
	UL	600 V, 20 A, 28 - 12 AWG	600 V, 20 A, 28 - 12 AWG	600 V, 20 A, 28 - 12 AWG			
	CSA	600 V, 20 A, 28 - 12 AWG	600 V, 20 A, 28 - 12 AWG	600 V, 20 A, 28 - 12 AWG			
	ATEX	-	-	-			
Certifications		UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST			
Terminal blocks							
		Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
	Grey	50	NSYTRR22	50	NSYTRR23	50	NSYTRR24
	Blue	50	NSYTRR22BL	50	NSYTRR23BL	50	NSYTRR24BL
	Orange	50	NSYTRR22AR	50	NSYTRR23AR	50	NSYTRR24AR
Accessories							
End stop	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
for 35 mm DIN rail	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
End plate, width 2.2 mm	Grey	50	NSYTRACR22	50	NSYTRACR23	50	NSYTRACR24
	Blue	50	NSYTRACR22BL	50	NSYTRACR23BL	50	NSYTRACR24BL
Partition plate, width 2 mm	Grey	50	NSYTRAPR42	50	NSYTRAPR23	50	NSYTRAPR24
	Blue	-	-	-	-	-	-
Plug-in bridge	2-pole	50	NSYTRAL22	50	NSYTRAL22	50	NSYTRAL22
Red	3-pole	50	NSYTRAL23	50	NSYTRAL23	50	NSYTRAL23
	4-pole	50	NSYTRAL24	50	NSYTRAL24	50	NSYTRAL24
	5-pole	50	NSYTRAL25	50	NSYTRAL25	50	NSYTRAL25
	10-pole	10	NSYTRAL210	10	NSYTRAL210	10	NSYTRAL210
	20-pole	10	NSYTRAL220	10	NSYTRAL220	10	NSYTRAL220
Blue	10-pole	10	NSYTRAL210BL	10	NSYTRAL210BL	10	NSYTRAL210BL
Grey	10-pole	10	NSYTRAL210GR	10	NSYTRAL210GR	10	NSYTRAL210GR
Step-down bridge, down to 2.5/4 mm ²	Screw to screw terminal	-	-	-	-	-	-
	Spring to spring terminal	-	-	-	-	-	-
Test plug	Metalic part, Ø 2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
Warning label	Yellow	10	NSYTRACSR2	10	NSYTRACSR2	10	NSYTRACSR2
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD
Marking accessories		See page 126					
General data							
	Strip length (mm)	10		10		10	



NSYTTR42	NSYTTR43	NSYTTR44	NSYTTR62
4 mm ²	4 mm ²	4 mm ²	6 mm ²
Passthrough	Passthrough	Passthrough	Passthrough
1 pole - 1 x 1	1 pole - 1 x 2	1 pole - 2 x 2	1 pole - 1 x 1
Grey	Grey	Grey	Grey
800 V, 40 A	800 V, 40 A	800 V, 40 A	1000 V, 52 A

56	71.5	87	69.5
36.5	36.5	36.5	43.5
6.2	6.2	6.2	8.2
4	4	4	6
0.08 - 4	0.08 - 4	0.08 - 4	0.5 - 6
0.08 - 6	0.08 - 6	0.08 - 6	0.2 - 10

800 V, 32 A	800 V, 32 A	800 V, 32 A	800 V, 41 A
600 V, 30 A, 28 -10 AWG	600 V, 30 A, 28 -10 AWG	600 V, 30 A, 28 -10 AWG	600 V, 50 A, 24 - 8 AWG
600 V, 30 A, 28 -10 AWG	600 V, 30 A, 28 -10 AWG	600 V, 30 A, 28 -10 AWG	600 V, 50 A, 24 - 8 AWG
-	-	-	-
UL, CSA, VDE, ATEX, IECEX, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEX, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEX, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEX, GL, LR, DNV, GOST

Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTTR42	50	NSYTTR43	50	NSYTTR44	50	NSYTTR62
50	NSYTTR42BL	50	NSYTTR43BL	50	NSYTTR44BL	50	NSYTTR62BL
50	NSYTTR42AR	50	NSYTTR43AR	50	NSYTTR44BL		

50	NSYTRAAAB35	50	NSYTRAAAB35	50	NSYTRAAAB35	50	NSYTRAAAB35
50	NSYTRAAABV35	50	NSYTRAAABV35	50	NSYTRAAABV35	50	NSYTRAAABV35
50	NSYTRACR42	50	NSYTRACR43	50	NSYTRACR44	50	NSYTRACR62
-	-	-	-	-	-	-	-
50	NSYTRA PR42	-	-	-	-	-	-
-	-	-	-	-	-	-	-
50	NSYTRAL42	50	NSYTRAL42	50	NSYTRAL42	10	NSYTRAL62
50	NSYTRAL43	50	NSYTRAL43	50	NSYTRAL43	10	NSYTRAL63
50	NSYTRAL44	50	NSYTRAL44	50	NSYTRAL44	-	-
50	NSYTRAL45	50	NSYTRAL45	50	NSYTRAL45	-	-
10	NSYTRAL410	10	NSYTRAL410	10	NSYTRAL410	10	NSYTRAL610
10	NSYTRAL420	10	NSYTRAL420	10	NSYTRAL420	-	-
10	NSYTRAL410BL	10	NSYTRAL410BL	10	NSYTRAL410BL	10	NSYTRAL610BL
10	NSYTRAL410GR	10	NSYTRAL410GR	10	NSYTRAL410GR	10	NSYTRAL610GR
-	-	-	-	-	-	-	-
-	-	-	-	-	-	10	NSYTRALR62
10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
10	NSYTRACSR4	10	NSYTRACSR4	10	NSYTRACSR4	10	NSYTRACSR6
100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
20	NSYSR200BD	20	NSYSR200BD	20	NSYSR200BD	20	NSYSR200BD

10		10		10		12	
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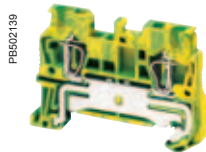
Spring terminal blocks - Passthrough



		NSYTRR63	NSYTRR102	NSYTRR162			
Nominal c.s.a.		6 mm ²	10 mm ²	16 mm ²			
	Type of block	Passthrough	Passthrough	Passthrough			
	Type of connection	1 pole - 1 x 2	1 pole - 1 x 1	1 pole - 1 x 1			
	Colour	Grey	Grey	Grey			
Max. electric values (U _{max} , I _{max})		1000 V, 52 A	1000 V, 65 A	1000 V, 90 A			
Dimensions (mm)							
	Length	90.5	71.5	80			
	Height	43.5	50.5	51			
	Width	8.2	10.2	12.2			
Cabling c.s.a. (mm ²)		6	10	16			
	Flexible cable	0.5 - 6	0.2 - 10	0.2 - 16			
	Solid cable	0.2 - 10	0.2 - 16	0.2 - 25			
Nominal electric values							
	IEC/EN 60947-7-1	800 V, 41 A	800 V, 57 A	800 V, 76 A			
	UL	600 V, 50 A, 24 - 8 AWG	600 V, 65 A, 16 - 6 AWG	600 V, 85 A, 16 - 4 AWG			
	CSA	600 V, 50 A, 24 - 8 AWG	600 V, 65 A, 16 - 6 AWG	600 V, 85 A, 16 - 4 AWG			
	ATEX	-	-	-			
Certifications		UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST			
Terminal blocks							
		Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
	Grey	50	NSYTRR63	50	NSYTRR102	50	NSYTRR162
	Blue	-	-	50	NSYTRR102BL	50	NSYTRR162BL
	Orange	-	-	-	-	-	-
Accessories							
End stop for 35 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
End plate, width 2.2 mm	Grey	50	NSYTRACR63	50	NSYTRACR102	50	NSYTRACR162
	Blue	-	-	-	-	-	-
Partition plate, width 2 mm	Grey	-	-	-	-	-	-
	Blue	-	-	-	-	-	-
Plug-in bridge Red	2-pole	10	NSYTRAL62	10	NSYTRAL102	10	NSYTRAL162
	3-pole	10	NSYTRAL63	-	-	-	-
	4-pole	-	-	-	-	-	-
	5-pole	-	-	-	-	-	-
	10-pole	10	NSYTRAL610	-	-	-	-
	20-pole	-	-	-	-	-	-
Blue	10-pole	10	NSYTRAL610BL	-	-	-	-
Grey	10-pole	10	NSYTRAL610GR	-	-	-	-
Step-down bridge, down to 2.5/4 mm ²	Screw to screw terminal	-	-	-	-	-	-
	Spring to spring terminal	10	NSYTRALR62	10	NSYTRALR102	10	NSYTRALR162
Test plug	Metalic part, Ø 2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
Warning label	Yellow	10	NSYTRACSR6	10	NSYTRACSR10	10	NSYTRACSR10
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD
Marking accessories							
General data							
	Strip length (mm)	12		18		18	



Spring terminal blocks - Protective earth



		NSYTRR22PE	NSYTRR23PE	NSYTRR24PE			
Nominal c.s.a.		2.5 mm ²	2.5 mm ²	2.5 mm ²			
	Type of block	Protective earth	Protective earth	Protective earth			
	Type of connection	1 pole - 1 x 1	1 pole - 1 x 2	1 pole - 2 x 2			
	Colour	Green/Yellow	Green/Yellow	Green/Yellow			
Max. electric values	-	-	-				
Dimensions (mm)							
	Length	48.5	60.5	72			
	Height	36.5	36.5	36.5			
	Width	5.2	5.2	5.2			
Cabling c.s.a. (mm ²)		2.5	2.5	2.5			
	Flexible cable	0.08 - 2.5	0.08 - 2.5	0.08 - 2.5			
	Solid cable	0.08 - 4	0.08 - 4	0.08 - 4			
Nominal electric values							
	IEC/EN 60947-7-1	-	-	-			
	UL	28 - 12 AWG	28 - 12 AWG	28 - 12 AWG			
	CSA	28 - 12 AWG	28 - 12 AWG	28 - 12 AWG			
	ATEX	-	-	-			
Certifications		UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST			
Terminal blocks							
		Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
	Green/Yellow	50	NSYTRR22PE	50	NSYTRR23PE	50	NSYTRR24PE
Accessories							
End stop for 35mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
End plate, width 2.2 mm	Grey	50	NSYTRACR22	50	NSYTRACR23	50	NSYTRACR24
	Blue	50	NSYTRACR22BL	50	NSYTRACR23BL	50	NSYTRACR24BL
Partition plate, width 2 mm	Grey	50	NSYTRAPR42	50	NSYTRAPR23	50	NSYTRAPR24
	Blue	-	-	-	-	-	-
Plug-in bridge	2-pole	-	-	-	-	-	-
	3-pole	-	-	-	-	-	-
	10-pole	-	-	-	-	-	-
Test plug	Metalic part, Ø 2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
Warning label	Yellow	10	NSYTRACSR2	10	NSYTRACSR2	10	NSYTRACSR2
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD
Marking accessories		See page 126					
General data							
	Strip length (mm)	10		10		10	



NSYTRR42PE	NSYTRR43PE	NSYTRR44PE
4 mm ²	4 mm ²	4 mm ²
Protective earth	Protective earth	Protective earth
1 pole - 1 x 1	1 pole - 1 x 2	1 pole - 2 x 2
Green/Yellow	Green/Yellow	Green/Yellow
-	-	-
56	71.5	87
36.5	36.5	36.5
6.2	6.2	6.2
4	4	4
0.08 - 4	0.08 - 4	0.08 - 4
0.08 - 6	0.08 - 6	0.08 - 6
-	-	-
28 -10 AWG	28 -10 AWG	28 -10 AWG
28 -10 AWG	28 -10 AWG	28 -10 AWG
-	-	-
UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST

Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTRR42PE	50	NSYTRR43PE	50	NSYTRR44PE
50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRACR42	50	NSYTRACR43	50	NSYTRACR44
-	-	-	-	-	-
50	NSYTRAPR42	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
10	NSYTRACSR4	10	NSYTRACSR4	10	NSYTRACSR4
100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD
10		10		10	

Spring terminal blocks - Protective earth



	NSYTRR62PE	NSYTRR102PE	NSYTRR162PE				
Nominal c.s.a.	6 mm ²	10 mm ²	16 mm ²				
Type of block	Protective earth	Protective earth	Protective earth				
Type of connection	1 pole - 1 x 1	1 pole - 1 x 1	1 pole - 1 x 1				
Colour	Green/Yellow	Green/Yellow	Green/Yellow				
Max. electric values	-	-	-				
Dimensions (mm)							
Length	69.5	71.5	80				
Height	43.5	50.5	51				
Width	8.2	10.2	12.2				
Cabling c.s.a. (mm ²)	6	10	16				
Flexible cable	0.2 - 6	0.2 - 10	0.2 - 16				
Solid cable	0.08 - 4	0.2 - 16	0.2 - 25				
Nominal electric values							
IEC/EN 60947-7-1	-	-	-				
UL	24 - 8 AWG	16 - 6 AWG	16 - 4 AWG				
CSA	24 - 8 AWG	16 - 6 AWG	16 - 4 AWG				
ATEX	-	-	-				
Certifications	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST				
Terminal blocks							
	Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference	
Green/Yellow	50	NSYTR V62PE	50	NSYTRR102PE	50	NSYTRR162PE	
Accessories							
End stop for 35mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
End plate, width 2.2 mm	Grey	50	NSYTRACR62	50	NSYTRACR102	50	NSYTRACR162
	Blue	-	-	-	-	-	-
Partition plate, width 2 mm	Grey	-	-	-	-	-	-
	Blue	-	-	-	-	-	-
Plug-in bridge	2-pole	10	NSYTRAL62	10	NSYTRAL102	10	NSYTRAL162
Red	3-pole	10	NSYTRAL63	-	-	-	-
	10-pole	10	NSYTRAL610	-	-	-	-
Test plug	Metalic part, Ø 2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
Warning label	Yellow	10	NSYTRACSR6	10	NSYTRACSR10	10	NSYTRACSR10
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYS DR200BD	20	NSYS DR200BD	20	NSYS DR200BD
Marking accessories	See page (Lin035)						
General data							
Strip length (mm)	12	18	18				



Spring terminal blocks - Double deck passthrough



		NSYTRR24D	NSYTRR44D	NSYTRR26T			
Nominal c.s.a.		2.5 mm ²	4 mm ²	2.5 mm ²			
	Type of block	Passthrough - Double deck	Passthrough - Double deck	Passthrough - 3 Levels			
	Type of connection	2 pole - 1 x 1	2 pole - 1 x 1	3 pole - 1 x 1			
	Colour	Grey	Grey	Grey			
Max. electric values (U _{max} , I _{max})		500 V, 26 A	500 V, 34 A	500 V, 28 A			
Dimensions (mm)							
	Length	78	92.4	99.5			
	Height	55	55	58			
	Width	5.2	6.2	5.2			
Cabling c.s.a. (mm ²)		2.5	4	2.5			
	Flexible cable	0.08 - 2.5	0.08 - 4	0.08 - 2.5			
	Solid cable	0.08 - 4	0.08 - 6	0.08 - 4			
Nominal electric values							
	IEC/EN 60947-7-1 60947-7-1	500 V, 22 A	500 V, 28 A	500 V, 20 A			
	UL	600 V, 20 A, 28 - 12 AWG	600 V, 30 A, 28 - 10 AWG	600 V, 20 A, 28 - 12 AWG			
	CSA	600 V, 20 A, 28 - 12 AWG	600 V, 30 A, 28 - 10 AWG	600 V, 20 A, 28 - 12 AWG			
	ATEX	440 V, 19,5 A	440 V, 22 A	-			
Certifications (1)		UL, CSA, VDE, GL, LR, DNV, GOST	UL, CSA, VDE, GL, LR, DNV, GOST	UL, CSA, VDE, GL, LR, GOST			
Terminal blocks							
		Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
	Grey	50	NSYTRR24D	50	NSYTRR44D	50	NSYTRR26T
	Blue	50	NSYTRR24DBL	50	NSYTRR44DBL	50	NSYTRR26TBL
Accessories							
End stop for 35 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
End plate, width 2.2 mm	Grey	50	NSYTRACRE24	50	NSYTRACRE44	50	NSYTRACRE26
	Blue	-	-	-	-	-	-
Plug-in bridge Red	2-pole	50	NSYTRAL22	50	NSYTRAL42	50	NSYTRAL22
	3-pole	50	NSYTRAL23	50	NSYTRAL43	50	NSYTRAL23
	4-pole	50	NSYTRAL24	50	NSYTRAL44	50	NSYTRAL24
	5-pole	50	NSYTRAL25	50	NSYTRAL45	50	NSYTRAL25
	10-pole	10	NSYTRAL210	10	NSYTRAL410	10	NSYTRAL210
	20-pole	10	NSYTRAL220	10	NSYTRAL420	10	NSYTRAL220
Vertical bridge	1-pole	50	NSYTRALV24R	50	NSYTRALV24R	-	-
Test plug	Metalic part, Ø 2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
Warning label	Yellow	10	NSYTRACSR2	10	NSYTRACSR4	10	NSYTRACSR2
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
DIN rail 35x7.2mm	Perforated, 2m long	20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD
Marking accessories		See page 126					
General data							
	Strip length (mm)	10		10		10	

(1) ATEX and IECEx certifications pending.



The NSYTRALV24R vertical bridge offers the option of connecting both levels of the standard double-level NSYTRR24D or NSYTRR44D terminal blocks.

Spring terminal blocks - Double deck protective earth

PB502165



PB502164

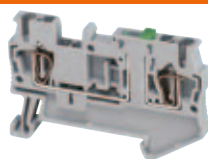


		NSYTRR24DPE	NSYTRR44DPE		
Nominal c.s.a.		2.5 mm ²	4 mm ²		
	Type of block	Protective earth - Double deck	Double deck - Protective earth		
	Type of connection	1 pole - 2 x 2	1 pole - 2 x 2		
	Colour	Green/Yellow	Green/Yellow		
Max. electric values		-	-		
Dimensions (mm)					
	Length	78	92.4		
	Height	55	55		
	Width	5.2	6.2		
Cabling c.s.a. (mm ²)		2.5	4		
	Flexible cable	0.08 - 2.5	0.08 - 4		
	Solid cable	0.08 - 4	0.08 - 6		
Nominal electric values					
	IEC/EN 60947-7-1 60947-7-1	-	-		
	UL	28 - 12 AWG	28 - 10 AWG		
	CSA	28 - 12 AWG	28 - 10 AWG		
	ATEX	-	-		
Certifications (1)		UL, CSA, VDE, GL, LR, DNV, GOST	UL, CSA, VDE, GL, LR, DNV, GOST		
Terminal blocks					
	Green/Yellow	Sold in lots of 50	Unit reference NSYTRR24DPE	Sold in lots of 50	Unit reference NSYTRR44DPE
Accessories					
End stop for 35 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35
	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35
End plate, width 2.2 mm	Grey	50	NSYTRACRE24	50	NSYTRACRE44
	Blue	-	-	-	-
Plug-in bridge Red	2-pole	50	NSYTRAL22	50	NSYTRAL42
	3-pole	50	NSYTRAL23	50	NSYTRAL43
	4-pole	50	NSYTRAL24	50	NSYTRAL44
	5-pole	50	NSYTRAL25	50	NSYTRAL45
	10-pole	10	NSYTRAL210	10	NSYTRAL410
	20-pole	10	NSYTRAL220	10	NSYTRAL420
Test plug	Metalic part, Ø 2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT
Warning label	Yellow	10	NSYTRACSR2	10	NSYTRACSR4
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD	20	NSYSDR200BD
Marking accessories		See page 126			
General data					
	Strip length (mm)	10		10	

(1) ATEX and IECEx certifications pending.

Spring terminal blocks - Disconnect

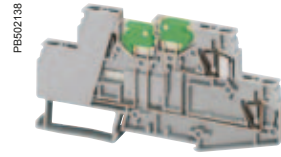
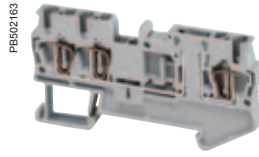
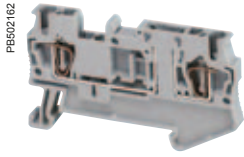
PB502159



PB502160



		NSYTRR22SC	NSYTRR23SC		
Nominal c.s.a.		2.5 mm ²	2.5 mm ²		
	Type of block	Disconnect (blade)	Disconnect (blade)		
	Type of connection	1 pole - 1 x 1	1 pole - 1 x 2		
	Colour	Grey	Grey		
Max. electric values (U _{max} , I _{max})		400 V, 20 A	400 V, 20 A		
Dimensions (mm)					
	Length	60.5	72		
	Height	36.5	36.5		
	Width	5.2	5.2		
Cabling c.s.a. (mm ²)		2.5	2.5		
	Flexible cable	0.08 - 2.5	0.08 - 2.5		
	Solid cable	0.08 - 4	0.08 - 4		
Nominal electric values					
	IEC/EN 60947-7-1	400 V, 20 A	400 V, 20 A		
	UL	600 V, 16 A, 28 - 12 AWG	600 V, 16 A, 28 - 12 AWG		
	CSA	300 V, 16 A, 28 - 12 AWG	300 V, 16 A, 28 - 12 AWG		
	ATEX	-	-		
Certifications		UL, CSA, GOST	UL, CSA, GOST		
Terminal blocks					
		Sold in lots of	Unit reference	Sold in lots of	Unit reference
	Grey	50	NSYTRR22SC	50	NSYTRR23SC
	Orange	50	NSYTRR22SCAR	50	NSYTRR23SCAR
Accessories					
End stop for 35 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35
	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35
End plate, width 2.2 mm	Grey	50	NSYTRACR23	50	NSYTRACR24
	Blue	-	-	-	-
Partition plate, width 2 mm	Grey	50	NSYTRAPR23	50	NSYTRAPR24
	Blue	-	-	-	-
Plug-in bridge Red	2-pole	50	NSYTRAL22	50	NSYTRAL22
	3-pole	50	NSYTRAL23	50	NSYTRAL23
	4-pole	50	NSYTRAL24	50	NSYTRAL24
	5-pole	50	NSYTRAL25	50	NSYTRAL25
	10-pole	10	NSYTRAL210	10	NSYTRAL210
	20-pole	10	NSYTRAL220	10	NSYTRAL220
Removable carrier	For fuse 5 x 20 mm	-	-	-	-
	For fuse 5 x 20 mm 110 - 250 V LED	-	-	-	-
	For fuse 5 x 20 mm 12 - 30 V LED	-	-	-	-
	For component	-	-	-	-
	With 1N4007 diode	-	-	-	-
Test plug	Metalic part, Ø 2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT
Warning label	Yellow	50	NSYTRACSR2	50	NSYTRACSR2
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD	20	NSYSDR200BD
Marking accessories		See page 126			
General data					
	Strip length (mm)	10		10	



NSYTRR22TB		NSYTRR23TB		NSYTRR24SCD	
2.5 mm ²		2.5 mm ²		2.5 mm ²	
Disconnect (for carrier)		Disconnect (for carrier)		Disconnect (blade)	
1 pole - 1 x 1		1 pole - 1 x 2		2 pole - 1 x 1	
Grey		Grey		Grey	
400 V, 20 A		400 V, 20 A		400 V, 16 A	
60.5		72		107	
36.5		36.5		55	
5.2		5.2		5.2	
2.5		2.5		2.5	
0.08 - 2.5		0.08 - 2.5		0.08 - 2.5	
0.08 - 4		0.08 - 4		0.08 - 4	
400 V, 20 A		400 V, 20 A		400 V, 16 A	
300 V, 16 A, 28 - 12 AWG		300 V, 16 A, 28 - 12 AWG		300 V, 10 A, 28 - 12 AWG	
300 V, 16 A, 28 - 12 AWG		300 V, 16 A, 28 - 12 AWG		300 V, 10 A, 28 - 12 AWG	
-		-		-	
UL, CSA, GOST		UL, CSA, GOST		UL, CSA, GOST	
Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTRR22TB	50	NSYTRR23TB	50	NSYTRR24SCD
-	-	-	-	-	-
50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRACR23	50	NSYTRACR24	-	Included
-	-	-	-	-	-
50	NSYTRAPR23	50	NSYTRAPR24	-	-
-	-	-	-	-	-
50	NSYTRAL22	50	NSYTRAL22	50	-
50	NSYTRAL23	50	NSYTRAL23	50	-
50	NSYTRAL24	50	NSYTRAL24	50	-
50	NSYTRAL25	50	NSYTRAL25	50	-
10	NSYTRAL210	10	NSYTRAL210	10	-
10	NSYTRAL220	10	NSYTRAL220	10	-
10	NSYTRASF520	10	NSYTRASF520	-	-
10	NSYTRASF520M	10	NSYTRASF520M	-	-
10	NSYTRASF520B	10	NSYTRASF520B	-	-
10	NSYTRASV1	10	NSYTRASV1	-	-
10	NSYTRASV2	10	NSYTRASV2	-	-
10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
50	NSYTRACSR2	50	NSYTRACSR2	50	NSYTRACSR2
100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD
10		10		10	

Spring terminal blocks - Miniature passthrough and miniature protective Earth

DIN rail mounting

PB502218



PB502215





PB502305



		NSYTRR22M	NSYTRR24M	NSYTRR22MPE			
Nominal c.s.a.	Type of block	2.5 mm ²	2.5 mm ²	2.5 mm ²			
	Type of connection	Passthrough	Passthrough	Protective earth			
	Type of connection	1 pole - 1 x 1	1 pole - 2 x 2	1 pole - 1 x 1			
	Colour	Grey	Grey	Green/Yellow			
Max. electric values (U _{max} , I _{max})		800 V, 30 A	800 V, 30 A	-			
Dimensions (mm)							
	Length	32	32	32			
	Height	30	30	30			
	Width	5.2	10.4	5.2			
Mounting on		NS15 Din rail	NS15 Din rail	NS15 Din rail			
Cabling c.s.a. (mm ²)		2.5	2.5	2.5			
	Flexible cable	0.08 - 2.5	0.08 - 2.5	0.08 - 2.5			
	Solid cable	0.08 - 4	0.08 - 4	0.08 - 4			
Nominal electric values							
	IEC/EN 60947-7-1	800 V, 24 A	800 V, 24 A	-			
	UL	600 V, 20 A, 28 - 12 AWG	600 V, 20 A, 28 - 12 AWG	28 - 12 AWG			
	CSA	600 V, 20 A, 28 - 12 AWG	600 V, 20 A, 28 - 12 AWG	28 - 12 AWG			
	ATEX	690 V, 22 A	690 V, 22 A	-			
Certifications (1)		UL, CSA, VDE, GOST	UL, CSA, VDE, GOST	UL, CSA, VDE, GOST			
Terminal blocks							
 or 	Grey	50	NSYTRR22M	50	NSYTRR24M	50	NSYTRR22MPE
	Blue	50	NSYTRR22MBL	50	NSYTRR24MBL	-	-
	Grey, with flange	-	-	-	-	-	-
Accessories							
End stop for 15 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB15	50	NSYTRAAB15	50	NSYTRAAB15
End plate, width 2.2 mm	Grey	50	NSYTRACRM22	50	NSYTRACRM22	50	NSYTRACRM22
	Grey, with flange	-	-	-	-	-	-
Insertion bridge Grey	2-pole	-	-	10	NSYTRALM22	-	-
Marker tag holder	For ●AB15 end stop	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
DIN rail 15 x 7.2 mm	Perforated, 2 m long	10	NSYTRADR155	10	NSYTRADR155	10	NSYTRADR155
Marking accessories (for all mini spring terminals)		Only for NSYTRABF●. See page 127					
General data							
	Strip length (mm)	8		8		8	
	Plate thickness (mm)	-		-		-	
	Hole diameter (mm)	-		-		-	








(1) ATEX and IECEx certifications pending.

Direct mounting (flange)		For micro-perforated mounting plates					
							
NSYTRR22MF	NSYTRR24MF	NSYTRR22MP	NSYTRR24MP				
2.5 mm ²	2.5 mm ²	2.5 mm ²	2.5 mm ²				
Passthrough	Passthrough	Passthrough	Passthrough				
1 pole - 1 x 1	1 pole - 2 x 2	1 pole - 1 x 1	1 pole - 2 x 2				
Grey	Grey	Grey	Grey				
800 V, 30 A	800 V, 30 A	800 V, 30 A	800 V, 30 A				
32	32	32	32				
22	22	22	22				
5.2	10.4	5.2	10.4				
Direct mounting	Direct mounting	Pin mounting	Pin mounting				
2.5	2.5	2.5	2.5				
0.08 - 2.5	0.08 - 2.5	0.08 - 2.5	0.08 - 2.5				
0.08 - 4	0.08 - 4	0.08 - 4	0.08 - 4				
800 V, 24 A	800 V, 24 A	800 V, 24 A	800 V, 24 A				
600 V, 20 A, 28 - 12 AWG	600 V, 20 A, 28 - 12 AWG	600 V, 20 A, 28 - 12 AWG	600 V, 20 A, 28 - 12 AWG				
600 V, 20 A, 28 - 12 AWG	600 V, 20 A, 28 - 12 AWG	600 V, 20 A, 28 - 12 AWG	600 V, 20 A, 28 - 12 AWG				
550 V, 22 A	550 V, 22 A	550 V, 22 A	550 V, 22 A				
UL, CSA, VDE, GOST	UL, CSA, VDE, GOST	UL, CSA, VDE, GOST	UL, CSA, VDE, GOST				
Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTRR22MF	50	NSYTRR24MF	50	NSYTRR22MP	10	NSYTRR24MP
50	NSYTRR22MFBL	50	NSYTRR24MFBL	50	NSYTRR22MPBL	10	NSYTRR24MPBL
50	NSYTRR22MFF (2)	50	NSYTRR24MFF (2)	-	-	-	-
-	-	-	-	-	-	-	-
50	NSYTRACRM22	50	NSYTRACRM22	50	NSYTRACRM22	50	NSYTRACRM22
50	NSYTRACRMF22 (2)	50	NSYTRACRMF22 (2)	-	-	-	-
-	-	10	NSYTRALM22	-	-	10	NSYTRALM22
100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4	100	-
-	-	-	-	-	-	-	-
8		8		8		8	
-		-		0.6 - 1.5		0.6 - 1.5	
-		-		3.5		3.5	

(2) Can only be used at the end of a group of terminals.

Description

- The new **NSYTRP** push-in terminal blocks use the most cost effective connection technique on the market. This technique drastically reduces wiring time and eliminates the need for regular re-tightening.
- The insertion force of the **NSYTRP** push-in terminal blocks is up to 50% lower*. This allows easy and direct insertion of solid conductors or flexible conductors with cable ends (ferrules) from 0.34 mm² to 6 mm².


Push-in		Passthrough		Protective earth	
		Passthrough			
					
Nominal c.s.a (mm ²)		2.5	4	2.5	4
Number of poles	1 - 1 x 1	NSYTRP22	NSYTRP42	NSYTRP22PE	NSYTRP42PE
	1 - 1 x 2	NSYTRP23	NSYTRP43	NSYTRP23PE	NSYTRP43PE
	1 - 2 x 2	NSYTRP24	NSYTRP44	NSYTRP24PE	NSYTRP44PE
	1 - 2 x 4	–	–	–	–
	1 - 3 x 3	–	–	–	–
	2 - 1 x 1	–	–	–	–
	2 - 1 x 2	–	–	–	–
	3 - 1 x 1	–	–	–	–
Colours	Grey	■	■	–	–
	Blue	NSYTRP22BL NSYTRP23BL NSYTRP24BL	NSYTRP42BL NSYTRP43BL NSYTRP44BL	–	–
	Green/yellow (PE)	–	–	■	■
	Orange	NSYTRP22AR NSYTRP23AR	–	–	–
	Black	–	–	–	–
	With flange	–	–	–	–
	Mounting on	35 mm 	■	■	■
	35 mm 	■	■	■	■
	Telequick	–	–	–	–
	15 mm 	–	–	–	–
See pages		116/117	117	118	119

PB502360

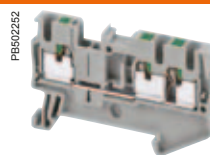
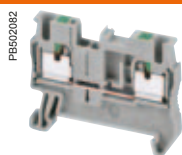


Vertical bridge

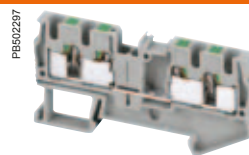
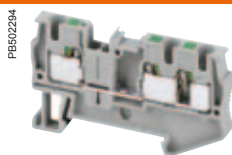
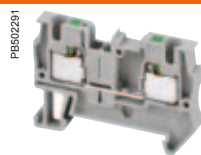
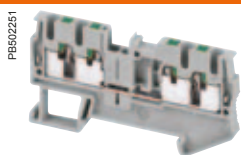
The **NSYTRALV24R** vertical bridge offers the option of connecting both levels of the standard double-level **NSYTRP24D** terminal block.

	Double deck	Disconnect		Hybrid: Screw - IDC connection	
		Blade	Removable carrier	Passthrough	
PB602266		PB602267	PB602302	PB602117	PB602119
	2.5	2.5	2.5 & 4	1.5	2.5
	-	NSYTRP22SC	NSYTRP22TB NSYTRP42TB	NSYTRH12	NSYTRH22
	-	NSYTRP23SC	-	NSYTRH13	-
	-	NSYTRP24SC	-	-	-
	-	-	-	-	-
	NSYTRP24D	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-
	■	■	■	■	■
	NSYTRP24DBL	-	-	-	-
	NSYTRP24DPE	-	-	NSYTRH12PE	-
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-
	■	■	■	-	-
	■	■	■	-	-
	-	-	-	-	-
	-	-	-	■	■
	120	122	123	124	125

Push-in terminal - Passthrough



		NSYTRP22	NSYTRP23		
Nominal c.s.a.	Type of block	2.5 mm ²	2.5 mm ²		
	Type of connection	Passthrough	Passthrough		
	Type of connection	1 pole - 1 x 1	1 pole - 1 x 2		
	Colour	Grey	Grey		
Max. electric values (U _{max} , I _{max})		800 V, 30 A	800 V, 30 A		
Dimensions (mm)					
	Length	48.5	60.5		
	Height	36.5	36.5		
	Width	5.2	5.2		
Cabling c.s.a. (mm ²)		2.5	2.5		
	Flexible cable	0.14 - 2.5	0.14 - 2.5		
	Solid cable	0.14 - 4	0.14 - 4		
Nominal electric values					
	IEC/EN 60947-7-1	800 V, 24 A	800 V, 24 A		
	UL	600 V, 20 A, 24 - 12 AWG	600 V, 20 A, 24 - 12 AWG		
	CSA	600 V, 20 A, 24 - 12 AWG	600 V, 20 A, 24 - 12 AWG		
	ATEX Ⓜ	-	-		
Certifications		UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST		
Terminal blocks					
		Sold in lots of	Unit reference	Sold in lots of	Unit reference
	Grey	50	NSYTRP22	50	NSYTRP23
	Blue	50	NSYTRP22BL	50	NSYTRP23BL
	Orange	50	NSYTRP22AR	50	NSYTRP23AR
Accessories					
End stop	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35
for 35 mm DIN rail	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35
End plate width 2.2 mm	Grey	50	NSYTRACR22	50	NSYTRACR23
	Blue	50	NSYTRACR22BL	50	NSYTRACR23BL
Partition plate width 2 mm	Grey	50	NSYTRAPR42	50	NSYTRAPR23
	Blue	-	-	-	-
Plug-in bridge Red	2-pole	50	NSYTRAL22	50	NSYTRAL22
	3-pole	50	NSYTRAL23	50	NSYTRAL23
	4-pole	50	NSYTRAL24	50	NSYTRAL24
	5-pole	50	NSYTRAL25	50	NSYTRAL25
	10-pole	10	NSYTRAL210	10	NSYTRAL210
Blue	20-pole	10	NSYTRAL220	10	NSYTRAL220
	10-pole	10	NSYTRAL210BL	10	NSYTRAL210BL
Grey	10-pole	10	NSYTRAL210GR	10	NSYTRAL210GR
Step-down bridge, down to 2.5/4 mm ²	Screw to screw terminal	-	-	-	-
	Spring to spring terminal	-	-	-	-
Test plug	Metalic part, Ø 2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT
Warning label	Yellow	-	-	-	-
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD	20	NSYSDR200BD
Marking accessories		See page 126			
General data					
	Strip length (mm)	10		10	



NSYTRP24	NSYTRP42	NSYTRP43	NSYTRP44
2.5 mm ²	4 mm ²	4 mm ²	4 mm ²
Passthrough	Passthrough	Passthrough	Passthrough
1 pole - 2 x 2	1 pole - 1 x 1	1 pole - 1 x 2	1 pole - 2 x 2
Grey	Grey	Grey	Grey
800 V, 30 A	800 V, 38 A	800 V, 38 A	800 V, 38 A

72	56	66.5	77
36.5	36.5	36.5	36.5
5.2	6.2	6.2	6.2
2.5	4	4	4
0.14 - 2.5	0.2 - 4	0.2 - 4	0.2 - 4
0.14 - 4	0.2 - 6	0.2 - 6	0.2 - 6

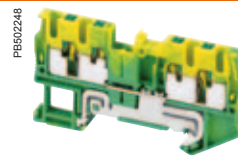
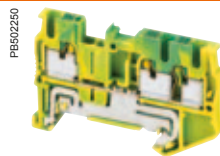
800 V, 24 A	800 V, 32 A	800 V, 32 A	800 V, 32 A
600 V, 20 A, 24 - 12 AWG	600 V, 30 A, 24 - 10 AWG	600 V, 30 A, 24 - 10 AWG	600 V, 30 A, 24 - 10 AWG
600 V, 20 A, 24 - 12 AWG	600 V, 30 A, 24 - 10 AWG	600 V, 30 A, 24 - 10 AWG	600 V, 30 A, 24 - 10 AWG
-	-	-	-
UL, CSA, VDE, ATEX, IECEX, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEX, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEX, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEX, GL, LR, DNV, GOST

Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTRP24	50	NSYTRP42	50	NSYTRP43	50	NSYTRP44
50	NSYTRP24BL	50	NSYTRP42BL	50	NSYTRP43BL	50	NSYTRP44BL
-	-	-	-	-	-	-	-

50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRACR24	50	NSYTRACR42	50	NSYTRACP43	50	NSYTRACP44
50	NSYTRACR24BL	-	-	-	-	-	-
50	NSYTRAPR24	50	NSYTRAPR42	-	-	-	-
-	-	-	-	-	-	-	-
50	NSYTRAL22	50	NSYTRAL42	50	NSYTRAL42	50	NSYTRAL42
50	NSYTRAL23	50	NSYTRAL43	50	NSYTRAL43	50	NSYTRAL43
50	NSYTRAL24	50	NSYTRAL44	50	NSYTRAL44	50	NSYTRAL44
50	NSYTRAL25	50	NSYTRAL45	50	NSYTRAL45	50	NSYTRAL45
10	NSYTRAL210	10	NSYTRAL410	10	NSYTRAL410	10	NSYTRAL410
10	NSYTRAL220	10	NSYTRAL420	10	NSYTRAL420	10	NSYTRAL420
10	NSYTRAL210BL	10	NSYTRAL410BL	10	NSYTRAL410BL	10	NSYTRAL410BL
10	NSYTRAL210GR	10	NSYTRAL410GR	10	NSYTRAL410GR	10	NSYTRAL410GR
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
-	-	-	-	-	-	-	-
100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD

10	12	12	12
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Push-in terminal blocks - Protective earth



		NSYTRP22PE	NSYTRP23PE	NSYTRP24PE			
Nominal c.s.a.		2.5 mm ²	2.5 mm ²	2.5 mm ²			
	Type of block	Protective earth	Protective earth	Protective earth			
	Type of connection	1 pole - 1 x 1	1 pole - 1 x 2	1 pole - 2 x 2			
	Colour	Green/Yellow	Green/Yellow	Green/Yellow			
Max. electric values		-	-	-			
Dimensions (mm)							
	Length	48.5	60.5	72			
	Height	36.5	36.5	36.5			
	Width	5.2	5.2	5.2			
Cabling c.s.a. (mm ²)		2.5	2.5	2.5			
	Flexible cable	0.08 - 2.5	0.08 - 2.5	0.08 - 2.5			
	Solid cable	0.08 - 4	0.08 - 4	0.08 - 4			
Nominal electric values							
	IEC/EN 60947-7-1	-	-	-			
	UL	24 - 12 AWG	24 - 12 AWG	24 - 12 AWG			
	CSA	24 - 12 AWG	24 - 12 AWG	24 - 12 AWG			
	ATEX	-	-	-			
Certifications		UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST			
Terminal blocks							
		Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
	Green/Yellow	50	NSYTRP22PE	50	NSYTRP23PE	50	NSYTRP24PE
Accessories							
End stop	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
for 35 mm DIN rail	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
End plate, width 2.2 mm	Grey	50	NSYTRACR22	50	NSYTRACR23	50	NSYTRACR24
	Blue	50	NSYTRACR22BL	50	NSYTRACR23BL	50	NSYTRACR24BL
Partition plate, width 2 mm	Grey	50	NSYTRAPR42	50	NSYTRAPR23	50	NSYTRAPR24
	Blue	-	-	-	-	-	-
Plug-in bridge Red	2-pole	50	NSYTRAL22	50	NSYTRAL22	50	NSYTRAL22
	3-pole	50	NSYTRAL23	50	NSYTRAL23	50	NSYTRAL23
	4-pole	50	NSYTRAL24	50	NSYTRAL24	50	NSYTRAL24
	5-pole	50	NSYTRAL25	50	NSYTRAL25	50	NSYTRAL25
	10-pole	10	NSYTRAL210	10	NSYTRAL210	10	NSYTRAL210
	20-pole	10	NSYTRAL220	10	NSYTRAL220	10	NSYTRAL220
Test plug	Metalic part, Ø 2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
Warning label	Yellow	-	-	-	-	-	-
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD
Marking accessories		See page 126					
General data							
	Strip length (mm)	10		10		10	



NSYTRP42PE		NSYTRP43PE		NSYTRP44PE	
4 mm ²		4 mm ²		4 mm ²	
Protective earth		Protective earth		Protective earth	
1 pole - 1 x 1		1 pole - 1 x 2		1 pole - 2 x 2	
Green/Yellow		Green/Yellow		Green/Yellow	
-		-		-	
56		66.5		77	
36.5		36.5		36.5	
6.2		6.2		6.2	
4		4		4	
0.08 - 4		0.08 - 4		0.08 - 4	
0.08 - 6		0.08 - 6		0.08 - 6	
-		-		-	
24 - 10 AWG		24 - 10 AWG		24 - 10 AWG	
24 - 10 AWG		24 - 10 AWG		24 - 10 AWG	
-		-		-	
UL, CSA, VDE, ATEX, IECEX, GL, LR, DNV, GOST		UL, CSA, VDE, ATEX, IECEX, GL, LR, DNV, GOST		UL, CSA, VDE, ATEX, IECEX, GL, LR, DNV, GOST	
Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTRP42PE	50	NSYTRP43PE	50	NSYTRP44PE
50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRACR42	50	NSYTRACP43	50	NSYTRACP44
-	-	-	-	-	-
50	NSYTRAPR42	-	-	-	-
-	-	-	-	-	-
50	NSYTRAL42	50	NSYTRAL42	50	NSYTRAL42
50	NSYTRAL43	50	NSYTRAL43	50	NSYTRAL43
50	NSYTRAL44	50	NSYTRAL44	50	NSYTRAL44
50	NSYTRAL45	50	NSYTRAL45	50	NSYTRAL45
10	NSYTRAL410	10	NSYTRAL410	10	NSYTRAL410
10	NSYTRAL420	10	NSYTRAL420	10	NSYTRAL420
10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
-	-	-	-	-	-
100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD
12		12		12	

Push-in terminal blocks - Double deck passthrough

PF6502266



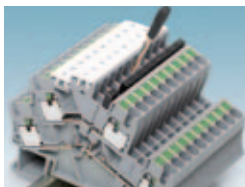
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		NSYTRP24D	NSYTRP24DPE		
Nominal c.s.a.		2.5 mm ²	2.5 mm ²		
	Type of block	Passthrough - Double deck	Protective earth - Double deck		
	Type of connection	2 pole - 1 x 1	1 pole - 2 x 2		
	Colour	Grey	Green/Yellow		
Max. electric values (U _{max} , I _{max})		500 V, 24 A	-		
Dimensions (mm)					
	Length	78	78		
	Height	55	55		
	Width	5.2	5.2		
Cabling c.s.a. (mm ²)		2.5	2.5		
	Flexible cable	0.14 - 2.5	0.14 - 2.5		
	Solid cable	0.14 - 4	0.14 - 4		
Nominal electric values					
	IEC/EN 60947-7-1	500 V, 22 A	-		
	UL	600 V, 20 A, 26 - 12 AWG	26 - 12 AWG		
	CSA	600 V, 20 A, 26 - 12 AWG	26 - 12 AWG		
	ATEX	440 V, 19.5 A	-		
Certifications (1)		UL, CSA, VDE, GL, LR, DNV, GOST	UL, CSA, VDE, GL, LR, DNV, GOST		
Terminal blocks					
		Sold in lots of	Unit reference	Sold in lots of	Unit reference
	Grey	50	NSYTRP24D	50	NSYTRP24DPE
	Blue	50	NSYTRP24DBL	-	-
Accessories					
End stop for 35 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35
	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35
End plate, width 2.2 mm	Grey	50	NSYTRACRE24	50	NSYTRACRE24
	Blue	-	-	-	-
Plug-in bridge Red	2-pole	50	NSYTRAL22	50	NSYTRAL22
	3-pole	50	NSYTRAL23	50	NSYTRAL23
	4-pole	50	NSYTRAL24	50	NSYTRAL24
	5-pole	50	NSYTRAL25	50	NSYTRAL25
	10-pole	10	NSYTRAL210	10	NSYTRAL210
	20-pole	10	NSYTRAL220	10	NSYTRAL220
Vertical bridge	1-pole	50	NSYTRALV24R	-	-
Test plug	Metalic part, Ø 2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD	20	NSYSDR200BD
Marking accessories		See page 126			
General data					
	Strip length (mm)	10		10	

(1) ATEX and IECEx certifications pending.

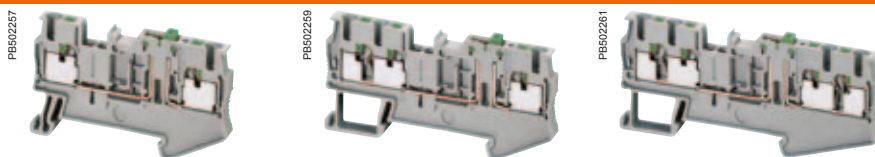
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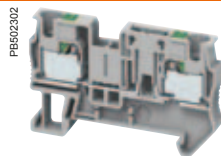
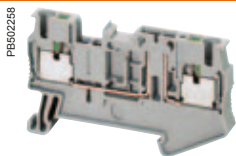
The **NSYTRALV24R** vertical bridge offers the option of connecting both levels of the standard double deck **NSYTRP24D** terminal block.



Push-in terminal blocks - Disconnect



		NSYTRP22SC	NSYTRP23SC	NSYTRP24SC			
Nominal c.s.a.		2.5 mm ²	2.5 mm ²	2.5 mm ²			
	Type of block	Disconnect (blade)	Disconnect (blade)	Disconnect (blade)			
	Type of connection	1 pole - 1 x 1	1 pole - 1 x 2	1 pole - 2 x 2			
	Colour	Grey	Grey	Grey			
Max. electric values (Umax, Imax)		400 V, 20 A	400 V, 20 A	400 V, 20 A			
Dimensions (mm)							
	Length	62	72	72			
	Height	36.5	36.5	36.5			
	Width	5.2	5.2	5.2			
Cabling c.s.a. (mm ²)		2.5	2.5	2.5			
	Flexible cable	0.14 - 2.5	0.14 - 2.5	0.14 - 2.5			
	Solid cable	0.14 - 4	0.14 - 4	0.14 - 4			
Nominal electric values							
	IEC/EN 60947-7-1	400 V, 20 A	400 V, 20 A	400 V, 20 A			
	UL	300 V, 20 A, 26 -12 AWG	300 V, 20 A, 26 -12 AWG	300 V, 20 A, 26 -12 AWG			
	CSA	300 V, 20 A, 26 -12 AWG	300 V, 20 A, 26 -12 AWG	300 V, 20 A, 26 -12 AWG			
	ATEX	-	-	-			
Certifications		UL, CSA, VDE, GOST	UL, CSA, VDE, GOST	UL, CSA, VDE, GOST			
Terminal blocks							
		Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
	Grey	50	NSYTRP22SC	50	NSYTRP23SC	50	NSYTRP24SC
Accessories							
End stop for 35 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
End plate, width 2.2 mm	Grey	50	NSYTRACPK22	50	NSYTRACPK23	50	NSYTRACPK24
	Blue	-	-	-	-	-	-
Partition plate, width 2 mm	Grey	50	NSYTRAPR23	50	NSYTRAPR24	-	-
	Blue	-	-	-	-	-	-
Plug-in bridge Red	2-pole	50	NSYTRAL22	50	NSYTRAL22	50	NSYTRAL22
	3-pole	50	NSYTRAL23	50	NSYTRAL23	50	NSYTRAL23
	4-pole	50	NSYTRAL24	50	NSYTRAL24	50	NSYTRAL24
	5-pole	50	NSYTRAL25	50	NSYTRAL25	50	NSYTRAL25
	10-pole	10	NSYTRAL210	10	NSYTRAL210	10	NSYTRAL210
	20-pole	10	NSYTRAL220	10	NSYTRAL220	10	NSYTRAL220
Test plug	Metalic part, Ø 2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD
Marking accessories		See page 126					
General data							
	Strip length (mm)	10		10		10	
Removable carrier	for fuse 5 x 20 mm	-		-		-	
	for fuse 5 x 20 mm 110 V	-		-		-	
	for fuse 5 x 20 mm 12 V	-		-		-	
	for component	-		-		-	
	with 1N4007 diode	-		-		-	



NSYTRP22TB	NSYTRP42TB
2.5 mm ²	4 mm ²
Disconnect (for carrier)	Disconnect (for carrier)
1 pole - 1 x 1	1 pole - 1 x 1
Grey	Grey
400 V, 20 A	400 V, 20 A

62	56
36.5	36.5
5.2	6.2
2.5	4
0.14 - 2.5	0.2 - 4
0.14 - 4	0.2 - 6

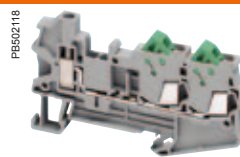
400 V, 20 A	400 V, 20 A
300 V, 20 A, 26 -12 AWG	300 V, 20 A, 24 -12 AWG
300 V, 20 A, 26 -12 AWG	300 V, 20 A, 24 -12 AWG
-	-
UL, CSA, VDE, GOST	UL, CSA, VDE, GOST

Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTRP22TB	50	NSYTRP42TB

50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRACPK22	50	NSYTRACR42
-	-	-	-
-	-	50	NSYTRAPR24
-	-	-	-
50	NSYTRAL22	50	NSYTRAL42
50	NSYTRAL23	50	NSYTRAL43
50	NSYTRAL24	50	NSYTRAL44
50	NSYTRAL25	50	NSYTRAL45
10	NSYTRAL210	10	NSYTRAL410
10	NSYTRAL220	10	NSYTRAL420
10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1
10	NSYTRAFT	10	NSYTRAFT
100	NSYTRASB4	100	NSYTRASB4
20	NSYS DR200BD	20	NSYS DR200BD

10	NSYTRASF520	12	NSYTRASF520
	NSYTRASF520M		NSYTRASF520M
	NSYTRASF520B		NSYTRASF520B
	NSYTRASV1		NSYTRASV1
	NSYTRASV2		NSYTRASV2

Hybrid terminal blocks - Passthrough



		NSYTRH12	NSYTRH13		
Nominal c.s.a.		1.5 mm ²	1.5 mm ²		
	Type of block	Passthrough	Passthrough		
	Type of connection	1 pole - 1 x 1	1 pole - 1 x 2 (1 screw x 2 IDC)		
	Colour	Grey	Grey		
Max. electric values (U _{max} , I _{max})		800 V, 17 A	800 V, 17 A		
Dimensions (mm)					
	Length	58.8	76.4		
	Height	42.8	42.8		
	Width	5.2	5.2		
Cabling c.s.a. (mm ²)	IDC connection	1.5	1.5		
	Flexible cable	0.5 - 1.5	0.5 - 1.5		
Cabling c.s.a. (mm ²)	Screw connection	1.5	1.5		
	Flexible cable	0.14 - 2.5	0.14 - 2.5		
	Solid cable	0.14 - 4	0.14 - 4		
Nominal electric values					
	IEC/EN 60947-7-1	800 V, 17 A	800 V, 17 A		
	UL	600 V, 10 A, 24 - 16 AWG	600 V, 10 A, 24 - 16 AWG		
	CSA	600 V, 10 A, 24 - 16 AWG	600 V, 10 A, 24 - 16 AWG		
	ATEX	550 V, 16.5 A	550 V, 16.5 A		
Certifications		UL, CSA, ATEX, IECEx, GOST	UL, CSA, ATEX, IECEx, GOST		
Terminal blocks					
	Grey	Sold in lots of 50	Unit reference NSYTRH12	Sold in lots of 50	Unit reference NSYTRH13
Accessories					
End stop for 35 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35
	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35
End plate, width 2.2 mm	Grey	50	NSYTRACH12	50	NSYTRACH13
	Blue	-	-	-	-
Partition plate, width 2 mm	Grey	50	NSYTRAPD12	50	NSYTRAPD13
	Blue	-	-	-	-
Plug-in bridge Red	2-pole	50	NSYTRAL22	50	NSYTRAL22
	3-pole	50	NSYTRAL23	50	NSYTRAL23
	4-pole	50	NSYTRAL24	50	NSYTRAL24
	5-pole	50	NSYTRAL25	50	NSYTRAL25
	10-pole	10	NSYTRAL210	10	NSYTRAL210
	20-pole	10	NSYTRAL220	10	NSYTRAL220
Test plug	Metalic part, Ø 2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD	20	NSYSDR200BD
Marking accessories		See page 126			
General data					
	Strip length (mm)	9		9	
	Screw thread	M3		M3	
	Torque (Nm)	0.5 - 0.6		0.6 - 0.8	



NSYTRH22		NSYTRH12PE	
2.5 mm ²		1.5 mm ²	
Passthrough		Protective earth	
1 pole - 1 x 1		1 pole - 1 x 1	
Grey		Green/Yellow	
800 V, 24 A		-	
62.6		58.8	
42.8		42.8	
6.2		5.2	
2.5		1.5	
0.5 - 2.5		0.5 - 1.5	
2.5		1.5	
0.14 - 4		0.14 - 2.5	
0.14 - 6		0.14 - 4	
800 V, 24 A		-	
600 V, 15 A, 20 - 14 AWG		24 - 16 AWG	
600 V, 15 A, 20 - 14 AWG		24 - 16 AWG	
550 V, 22 A		-	
UL, CSA, ATEX, IECEx, GOST		UL, CSA, ATEX, IECEx, GOST	
Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTRH22	50	NSYTRH12PE
50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRACH22	50	NSYTRACH12
-	-	-	-
-	-	50	NSYTRAPD12
-	-	-	-
50	NSYTRAL42	50	NSYTRAL22
50	NSYTRAL43	50	NSYTRAL23
50	NSYTRAL44	50	NSYTRAL24
50	NSYTRAL45	50	NSYTRAL25
10	NSYTRAL410	10	NSYTRAL210
10	NSYTRAL420	10	NSYTRAL220
10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1
10	NSYTRAFT	10	NSYTRAFT
100	NSYTRASB4	100	NSYTRASB4
20	NSYSR200BD	20	NSYSR200BD
10		14	
M4		M5	
1.5 - 1.8		2.5 - 3	

Marking accessories

PB502336



PB502338



PB502339



Clip-in marker strips	NSYTRAB5●	NSYTRAB6●	NSYTRAB8●
Description	10 consecutive figures or numbers, printed horizontally	10 consecutive figures or numbers, printed horizontally	10 consecutive figures or numbers, printed horizontally
Material	Polyamide (PA 6.6, silicone and halogen free)	Polyamide (PA 6.6, silicone and halogen free)	Polyamide (PA 6.6, silicone and halogen free)
Colour	Black markings on white background	Black markings on white background	Black markings on white background
Inflammability class acc. to UL 94	V2	V2	V2
Temperature range (°C)	-40 ... +100	-40 ... +100	-40 ... +100
Compatibility	For 2.5 mm ² TBs: NSY TRV / TRR / TRP / TRH	For 4 mm ² TBs: NSY TRV / TRR / TRP / TRH	For 6 mm ² TBs: NSY TRV / TRR / TRP / TRH
For terminal block width	5.2 mm	6.2 mm	8.2 mm
Mounting position	Lateral sides for NSYTRV terminal blocks Central shaft for NSYTRR / NSYTRP / NSYTRH terminal blocks	Lateral sides for NSYTRV terminal blocks Central shaft for NSYTRR / NSYTRP / NSYTRH terminal blocks	Lateral sides for NSYTRV terminal blocks Central shaft for NSYTRR / NSYTRP / NSYTRH terminal blocks

Marking strips

Printed characters	Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
1 10	10	NSYTRAB510	10	NSYTRAB610	10	NSYTRAB810
11 20	10	NSYTRAB520	10	NSYTRAB620	10	NSYTRAB820
21 30	10	NSYTRAB530	10	NSYTRAB630	10	NSYTRAB830
31 40	10	NSYTRAB540	10	NSYTRAB640	10	NSYTRAB840
41 50	10	NSYTRAB550	10	NSYTRAB650	10	NSYTRAB850
51 60	10	NSYTRAB560	10	NSYTRAB660	10	NSYTRAB860
61 70	10	NSYTRAB570	10	NSYTRAB670	10	NSYTRAB870
71 80	10	NSYTRAB580	10	NSYTRAB680	10	NSYTRAB880
81 90	10	NSYTRAB590	10	NSYTRAB690	10	NSYTRAB890
91 100	10	NSYTRAB5100	10	NSYTRAB6100	10	NSYTRAB8100
1 100 (1 - 10; 11 - 20; ... 91 - 100)	100	NSYTRAB51100	100	NSYTRAB61100	-	-
L1, L2, L3, N, PE	10	NSYTRAB5L1N	10	NSYTRAB6L1N	-	-

Marking cards

PB502343



PB502344



PB502345



Blank marking cards	Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
72 characters (6 strips)	10	NSYTRABPV5	-	-	-	-
60 characters (6 strips)	-	-	10	NSYTRABPV6	-	-
42 characters (6 strips)	-	-	-	-	10	NSYTRABPV8

Marking cards for AB1 terminals (2) and Multi9 Acti9 range

Blank (60 characters max.)	-	-	10	NSYTRAXPV6	-	-
1 10 (6 strips)	-	-	10	NSYTRAXP610	-	-
11 20 (6 strips)	-	-	10	NSYTRAXP620	-	-
21 30 (6 strips)	-	-	10	NSYTRAXP630	-	-
31 40 (6 strips)	-	-	10	NSYTRAXP640	-	-
41 50 (6 strips)	-	-	10	NSYTRAXP650	-	-
L1, L2, L3 (60 characters max.)	-	-	10	NSYTRAX6L1L3	-	-

Accessories

Plotter adapter for marking cards	1	NSYTRABMP1	1	NSYTRABMP1	1	NSYTRABMP1
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(1) For 16mm² terminal block or bigger, the strip must be broken and use the individual marking characters.
(2) Only for AB1 terminal block 4mm²; and for Multi9 Acti9 range.

PB502340



PB502350



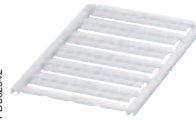
NSYTRAB10●	NSYTRABF5●	NSYTRABF6●
10 consecutive figures or numbers, printed horizontally	10 consecutive figures or numbers, printed horizontally	10 consecutive figures or numbers, printed horizontally
Polyamide (PA 6.6, silicone and halogen free)	Polyamide (PA 6.6, silicone and halogen free)	Polyamide (PA 6.6, silicone and halogen free)
Black markings on white background	Black markings on white background	Black markings on white background
V2	V2	V2
-40 ... +100	-40 ... +100	-40 ... +100
For > = 10 mm ² TBs: NSY TRV / TRR / TRP / TRH	For 2.5 mm ² TBs: NSY TRV / TRR / TRP / TRH	For 4 mm ² TBs: NSY TRV / TRR / TRP / TRH
≥ 10.2 mm (1)	5.2 mm	6.2 mm
Lateral sides for NSYTRV terminal blocks Central shaft for NSYTRR / NSYTRP / NSYTRH terminal blocks	Central shaft for NSYTRR / NSYTRP / NSYTRH terminal blocks Lateral sides for NSYTRV terminal blocks	Central shaft for NSYTRR / NSYTRP / NSYTRH terminal blocks Lateral sides for NSYTRV terminal blocks

Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
10	NSYTRAB1010	10	NSYTRABF510	10	NSYTRABF610
10	NSYTRAB1020	10	NSYTRABF520	10	NSYTRABF620
10	NSYTRAB1030	10	NSYTRABF530	10	NSYTRABF630
10	NSYTRAB1040	10	NSYTRABF540	10	NSYTRABF640
10	NSYTRAB1050	10	NSYTRABF550	10	NSYTRABF650
10	NSYTRAB1060	-	-	-	-
10	NSYTRAB1070	-	-	-	-
10	NSYTRAB1080	-	-	-	-
10	NSYTRAB1090	-	-	-	-
10	NSYTRAB10100	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

PB502341



PB502342



Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
-	-	-	-	-	-
-	-	10	NSYTRABFPV5	10	NSYTRABFPV6
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	1	NSYTRABMP2	1	NSYTRABMP2

Marking accessories

PB6502201



		NSYTRABCV●
		Marking collars for cables
Description		Open marker carrier, 15 mm wide, for clipping into wire
	Material	PVC (Siliconefree)
	Colour	White marker with transparent sleeve
	Inflammability class according to UL 94	V0
	Temperature range [°C]	-50 ... +80
Compatibility		For conductor diameter 2 mm up to 8 mm
	Mounting position	Clip-on to the cable
	Marking elements	With any of the NSYTRABCP● marking elements

Marking collars and inserts

Marking collars		Sold in lots of	Unit reference
for conductor diameter	2 to 3.5 mm	500	NSYTRABCV23
	3 to 5 mm	500	NSYTRABCV35
	5 to 8 mm	500	NSYTRABCV58

Marking inserts, A4 format, perforated

Colour	White	-	-
	Yellow	-	-
	Red	-	-
	Blue	-	-

Marking card with 50 inserts

Colour	White	-	-
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Marking accessories

PB6502351



		NSYTRAPLOT
		Plotter
		<ul style="list-style-type: none"> ■ A flexible plotter that helps you label marking elements quickly and easily. ■ Rugged construction in stylish aluminium ■ Easy to change fixtures to suit a variety of marking elements ■ Auto calibration no adjustment necessary ■ Including NSYTRA BMP1 / BMP2 adaptor plates, 0.25 & 0.35 mm black pens, Spacial.print software, power supply, connecting cables, user manual
Printing area		A4
Printing thickness		Up to 10.5 mm
Input voltage/ frequency		100 - 240 V AC, 50/60 Hz
Interface		USB 2.0
Operating system		MS Windows XP/Vista/7
Compatibility		For all NSYTR blank marking cards

Marking collars and inserts

Marking plotter		Sold in lots of	Unit reference
Colour	Grey	1	NSYTRAPLOT

Accessories

		Sold in lots of	Unit reference
Adaptor plates	For NSYTRABPV● ; NSYTRAXPV* and NSYTRABCP5 marking cards	1	NSYTRABMP1
	For NSYTRAFBPV● marking cards	1	NSYTRABMP2
	For ZBY● marking elements ¹	1	NSYTRABMP3
Pen, disposable	0.25 mm line, black	1	NSYTRAPEN2
	0.35 mm line, black	1	NSYTRAPEN3

(1) Can print **ZBY0102**; **ZBY0501** and **ZBY0502** marking elements and all marking sheets: **NSYTRABCV●**; **ZBY4100**; **ZBY001**; **ZBY5100** and **ZBY1101**.

PB602382



NSYTRABC●

Marking inserts for collars

360 inserts for marking collars, A4 format, perforated 15 x 4 mm inserts

Polyester (Silicone and halogen free)

White, yellow, red or blue

V0

40 ... +100

For all **NSYTRABCV●** marking collars

Slides inside the collar sleeve

Can be printed with any office printer, plotter or pen

PB602201



NSYTRABCP5

Marking card for collars

Marking card with 50 inserts for marking collars 15 x 4 mm inserts

Polycarbonate

White

V0

-40 ... +120

For all **NSYTRABCV●** marking collars

Slides inside the collar sleeve

Can be printed with plotter or pen

Sold in lots of

Unit reference

-

-

-

-

-

-

Sold in lots of

Unit reference

-

-

-

-

-

-

10

NSYTRABCP1

-

-

10

NSYTRABCP2

-

-

10

NSYTRABCP3

-

-

10

NSYTRABCP4

-

-

-

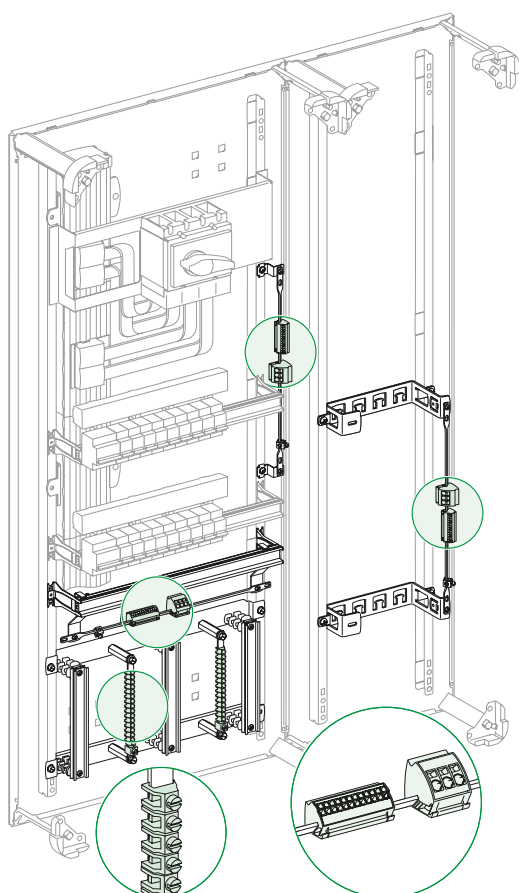
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NSYTRABCP5

**Available
June 2013**

DD381516-LIN



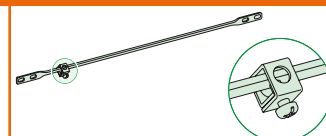
Description

This range of earth bars is installed:

- in the duct which can constitute a dedicated area, completely separate from the equipment
- or in the switchgear compartment, at the top or the bottom

Fast-connecting earth bar

DD381516-LIN

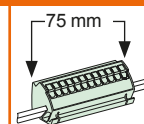


Copper earth bar

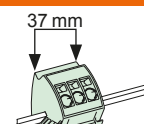
Cross-section (mm)	12 x 3
Effective length (mm)	330
Total length (mm)	450
Composition	Copper bar with 1 terminal 16 to 35 mm ²
References	04201

Accessories

DD381516-LIN



DD381516-LIN



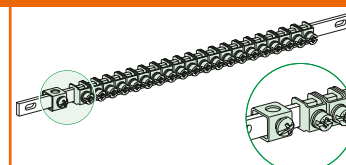
Earth blocks with terminals

Spring-fixing (clip onto the earth bar)

Total connection capacity	12 x 4 mm ²	3 x 16 mm ²
Composition	4 earth blocks	4 earth blocks
References	04214	04215

Accessories

DD381516-LIN

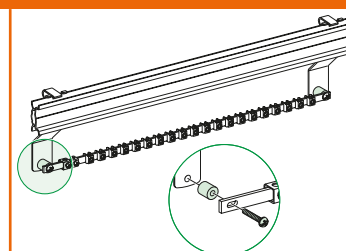


Earth bar with jumper

Total connection capacity	40 x 2.5 to 16 mm ²	20 x 2.5 to 16 mm ²
Cross-section (mm)	12 x 13	12 x 13
Length (mm)	450	200
Composition	40 jumpers and a terminal (16 to 35 mm ²)	20 jumpers and a terminal (16 to 35 mm ²)
References	04200	04202

Accessories

DD381516-LIN



Neutral bar

Converts an earth bar to a neutral bar

Composition	2 insulating spacers
References	04210

PE conductors

DD381183-LIN			DD381182-LIN			DD381184-LIN		
	Vertical PE conductor with Linergy LGY profile (W = 1670 mm)			Vertical PE conductor with Linergy BS busbar (W = 1675 mm)			Horizontal PE conductor with Linergy BS busbar	
Rated short-time current (Icw)	≤ 40	> 40	≤ 40	> 40	≤ 40	> 40		
Permissible current (A)	630	800						
Cross-section (mm)			25 x 5	50 x 5	25 x 5	50 x 5		
References	04502	04503	04512	04515	04512	04515		

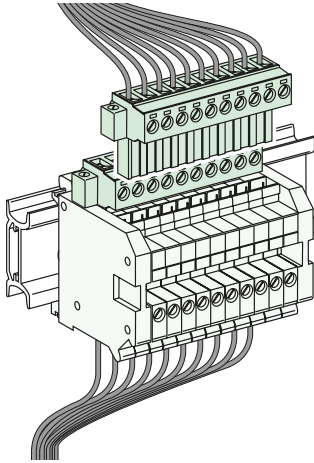
Support selection

Composition	Three supports for a vertical PE (supplied with PE marking), to be screwed onto the framework	Three supports for a vertical PE (supplied with PE marking), to be screwed onto the framework	Two supports for a horizontal PE
References	04657	04657	04667

Connection between PE conductors

DD381156-LIN			
	Connection plates for horizontal/vertical PE bars		
Composition	2		20 M8 screws (W = 25 mm) + 20 nuts + 20 contact washers for connection to cable lugs or flexible bars
References	04672		04766

DD381644-LIN

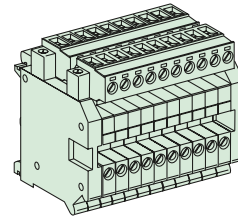


Description

For distributing auxiliary voltages in power and regulation equipment.

Terminal block for auxiliary wiring

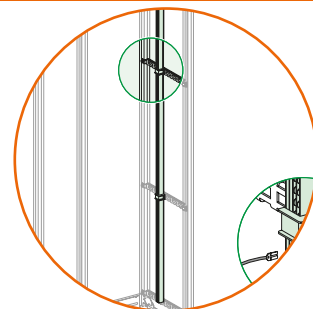
DD381644-LIN



Standards		IEC	UL
Rated operational current at 40° (Ie)		12 A	20 A
Rated operational voltage (Ue)		250 V	300 V
Rated impulse withstand voltage (Uimp)		4 kV	
Connection capacity	Input	10 (grey)	
	Output	2 x 10 (grey)	
Dimensions (HxWxD)	(mm)	61 x 48 x 45	
Cross-section		0.2 to 4 mm	
Tightening torque		0.5 to 0.6 Nm	
Composition		3.5 18-mm modules	
References		04228	

Four-pole auxiliary bus duct

DD381602-LIN



		Duct for 4 conductors	
		166 tap-off points with Faston connectors, per linear meter	
Rated operational current at 40° (Ie)		32 A	
Rated insulation voltage (Ui)		660 V	
Length (mm)		1755	
Composition		Supplied with 2 end clamps and 1 lateral clamp for mounting on cable-tie supports	
References		04203	

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Product or component type	Contacteur
Device short name	LC1D
Contacteur application	Motor control Resistive load
Utilisation category	AC-1 AC-3
Pole description	3P

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