

Enclosures

Prisma Plus disconnectable-type switchboards

Catalogue numbers

Carefully designed in every detail, Prisma Plus cubicles are the solution for all common switchboard configurations up to 3200 A.

A reduced number of catalogue numbers facilitates selection, while offering the essential functions such as:

- multiple combination possibilities
- an array of interchangeable cover panels and doors, IP30 or IP55, without adding gaskets
- wide cable compartments
- total accessibility to all connection points in the switchboard.

The discreet design, with simple lines and oval shapes, mean Prisma Plus cubicles blend in naturally on all commercial and industrial sites.

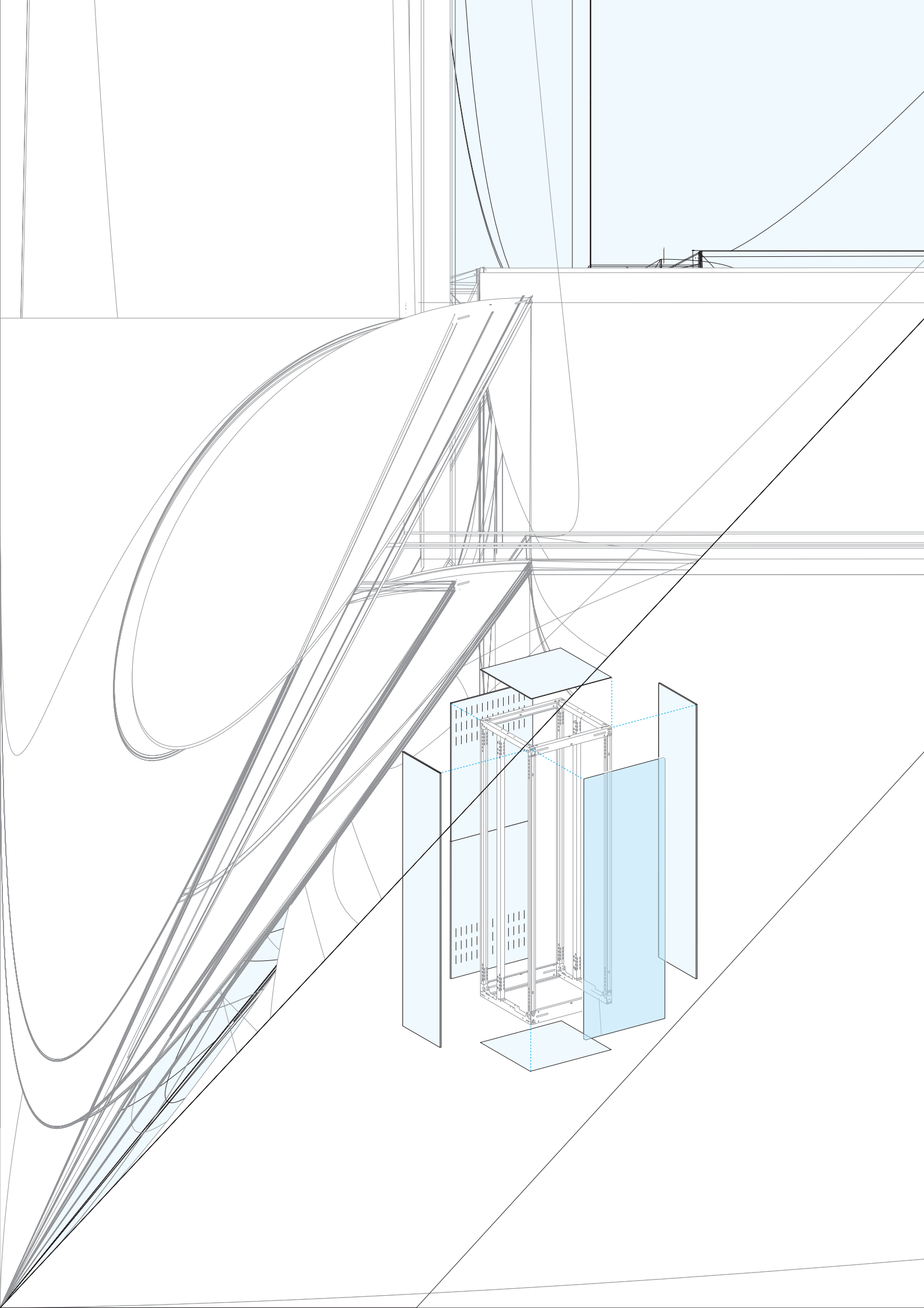
The disconnectable mounting plates can be installed in a cubicle 650 mm wide and 600 mm deep. They offer 30 modules, each 50 mm high, of useful space.

Prisma Plus enclosures comply with standard EN 50298.

Presentation of enclosures



All cover panels and doors IP30 are secured using quarter-turn fasteners.
Electrical continuity is achieved naturally, without having to add clips or earthing braids.



Framework

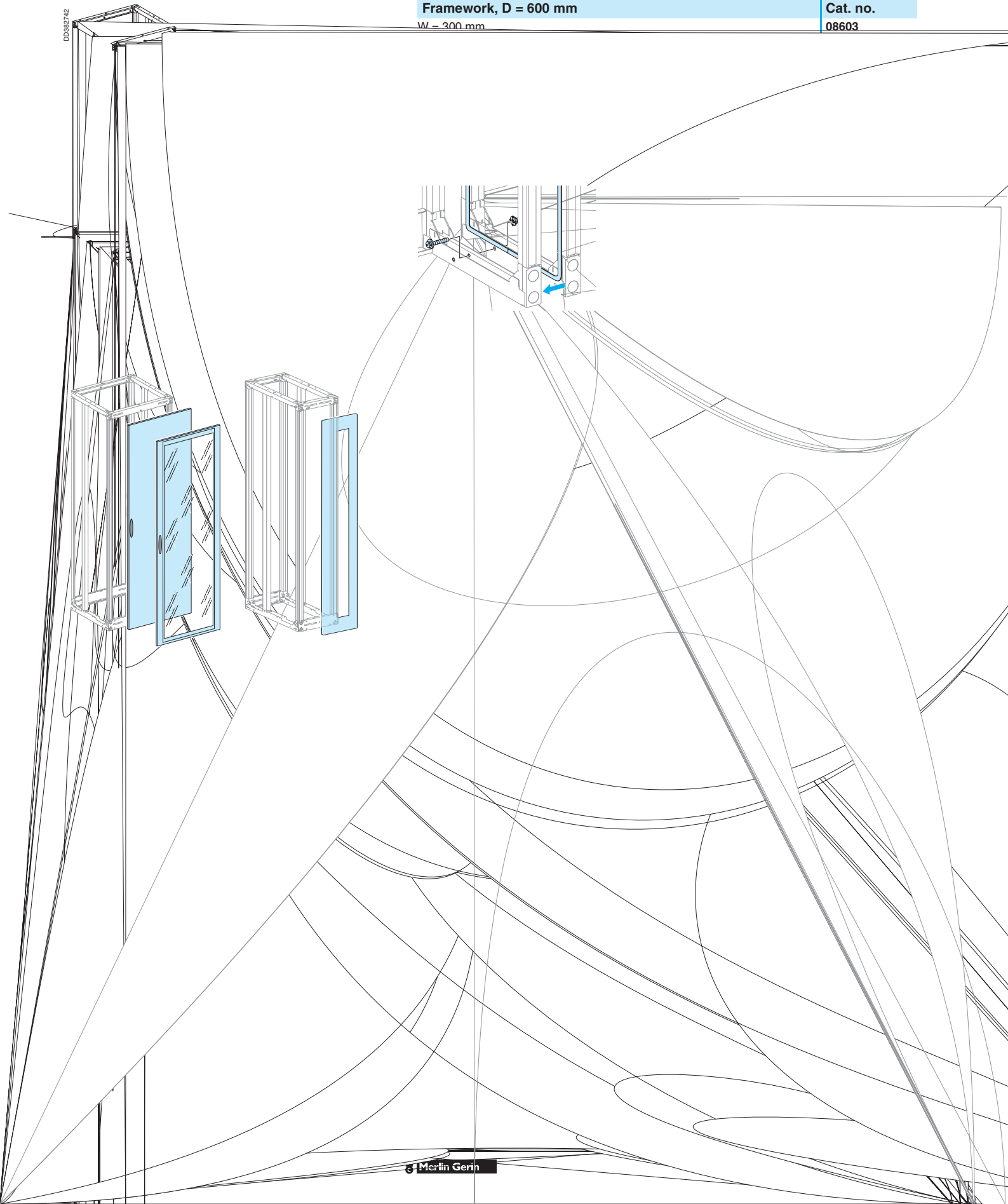
Framework, D = 600 mm

W = 300 mm

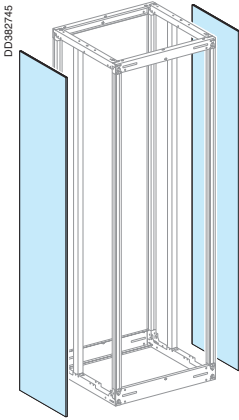
Cat. no.

08603

DD 982742



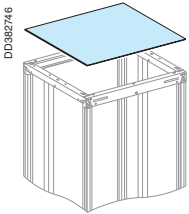
Side panels



Side panels	IP30	IP55
2 side panels, D = 600 mm	08760	08765

Supplied with quarter-turn fasteners.

Roof



Plain roof	IP30	IP55
D = 600 mm		
W = 300 mm	08633	08653
W = 400 mm	08634	08654
W = 650 mm	08636	08656

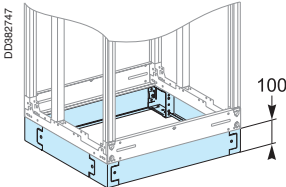
Supplied with quarter-turn fasteners for mounting on the framework.

Provided with markings for clear identification of cable-running zones, if necessary.

Accessories

Designation	Cat. no.
IP31 sealing kit	08711

Plinth, H = 100 mm



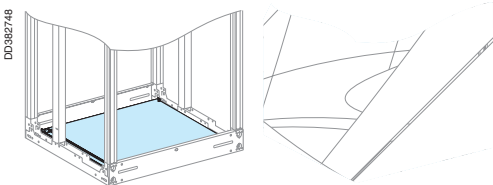
The plinth is made up of two catalogue numbers:

- one catalogue number comprising four corner posts + two cross-pieces (front and rear), that can be used in side-by-side combinations or stacked to form a plinth 200 mm high (maximum)
- one catalogue number comprising two side plates (D = 600 mm).

Each catalogue number is supplied with the necessary hardware.

Designation	Cat. no.
Plinth, H = 100 mm	
W = 300 mm	08723 + 08721
W = 400 mm	08724 + 08721
W = 650 mm	08726 + 08721

Gland plates



Gland plates	IP30 (in 2 parts)	IP55 (plain)
D = 600 mm		
W = 300 mm	08693	08683
W = 400 mm	08694	08684
W = 650 mm	08696	08686

Installation accessories

See catalogue Prisma Plus.

Connection accessories

See catalogue Prisma Plus.

Dimensions

See catalogue Prisma Plus.

Contents

*Prisma Plus
disconnectable-type
switchboards*

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Diagram

Prisma Plus
disconnectable-type
switchboards

Diagram

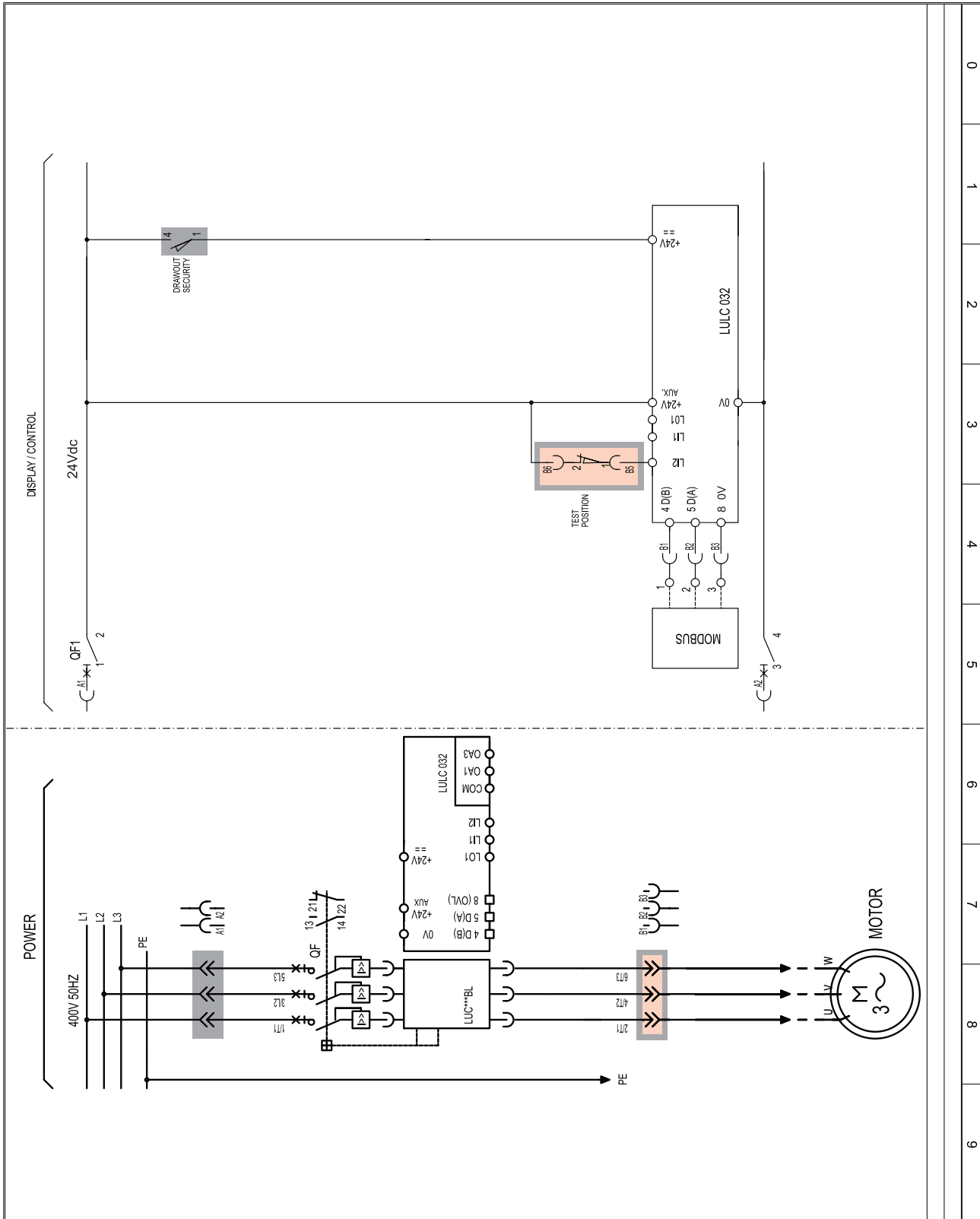
Diagram No. 110

1-component feeder

Tesys U circuit breaker-contactor, DOL

Bus + communication module

sch110



UP TO DATE AFTER CONSULTING	21/09/04	04				MCC DIAGRAM 110			
UP TO DATE AFTER CONSULTING	26/08/04	03							
UP TO DATE	16/07/04	01							
FIRST ISSUE	04/06/02	00	UP TO DATE AFTER ASSEMBLING	15/11/04	05	E&S	GHQ8054301	110	05

- Not to be used for disconnectable mounting plates.
- Not to be used for fixed feeders.

Diagram

Prisma Plus
disconnectable-type
switchboards

Diagram

Diagram No. 110

1-component feeder

Tesys U circuit breaker-contactor, DOL

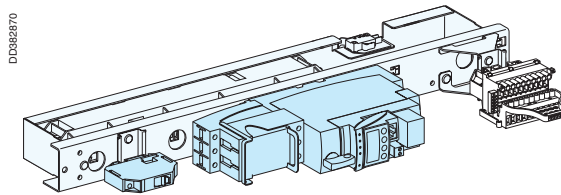
Bus + communication module

Equipment list

Designation	Quantity	Reference
130 kA limiter	(1)	LUALB1
Screw clamp base ●●A	1	LUB●●
Unit 24 V DC	1	LUC●●●BL
Modbus module	1	LULC032
Prewired coil terminals	1	LU9BN11C
Tesys ext. handle	(1)*	LU9AP20
Control circuit breaker	1	GB2CD07

* : for drawers and fixed mounting plates.

Example



Mounting plate H = 50 mm (1 module).



Diagram No. 111

1-component feeder

Tesys U circuit breaker-conta

Bus + communication modu'

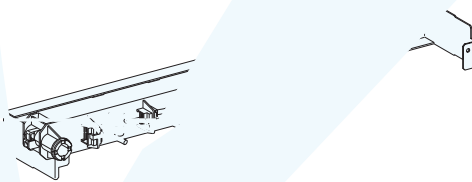
Equipment list

Designation

130 kA limiter	
Screw clamp base ●●A	
Unit 24 V DC	
Modbus module	32
Tesys ext. handle	AP20
Control circuit breaker	B2CD07
LCDD 1	88400

* : for drawers and fixed mounting

Example



ntin im (1 module).

Diagram

==
+2AV
RUX
+2AV

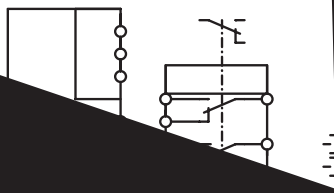
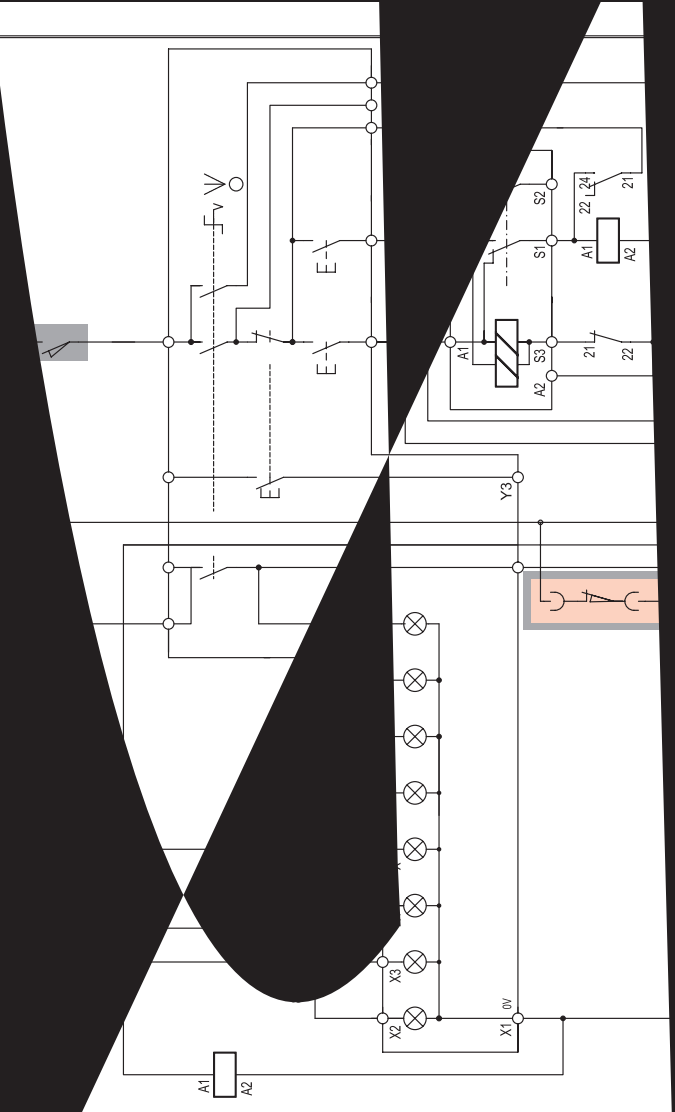




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Bu

UP TO DATE
FIRST

400V 50HZ



1
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Diagram

Prisma Plus
disconnectable-type
switchboards

Diagram

Diagram No. 113

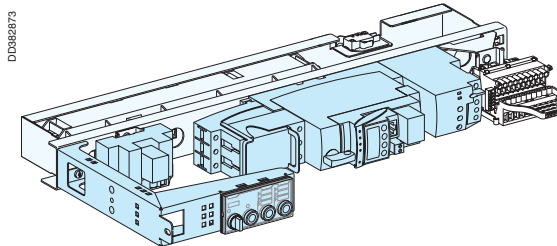
1-component feeder, Tesys U
circuit breaker-contactor, reversing
Bus + communication module

Equipment list

Designation	Quantity	Reference
130 kA limiter	(1)	LUALB1
Screw clamp base ●●A	1	LUB●●
Unit 24 V DC	1	LUC●●●BL
Modbus module	1	LULC032
Rev. block 32A 24 V DC	1	LU2MB0BL
Reverser coil terminals	1	LU9M1
Reverser control terminals	1	LU9MR1
Tesys ext. handle	(1)*	LU9AP20
Control circuit breaker	1	GB2CD07
LCDD 2	1	88401
Plug in relay	1	RXN21E11BD
Protect diode 12-250 V DC	1	RXW040MD
Socket add. modules	1	RXZ7G

* : for drawers and fixed mounting plates.

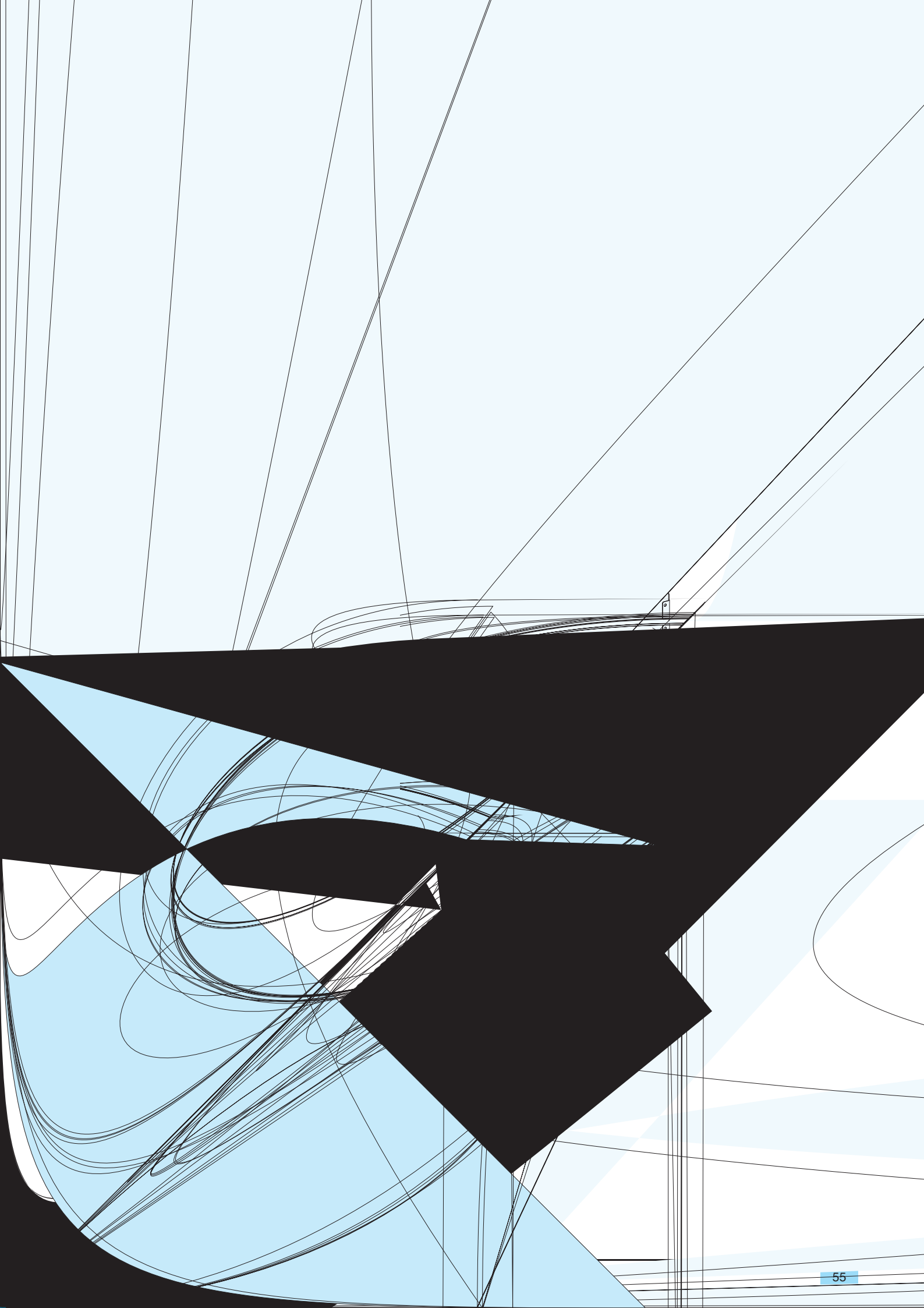
Example



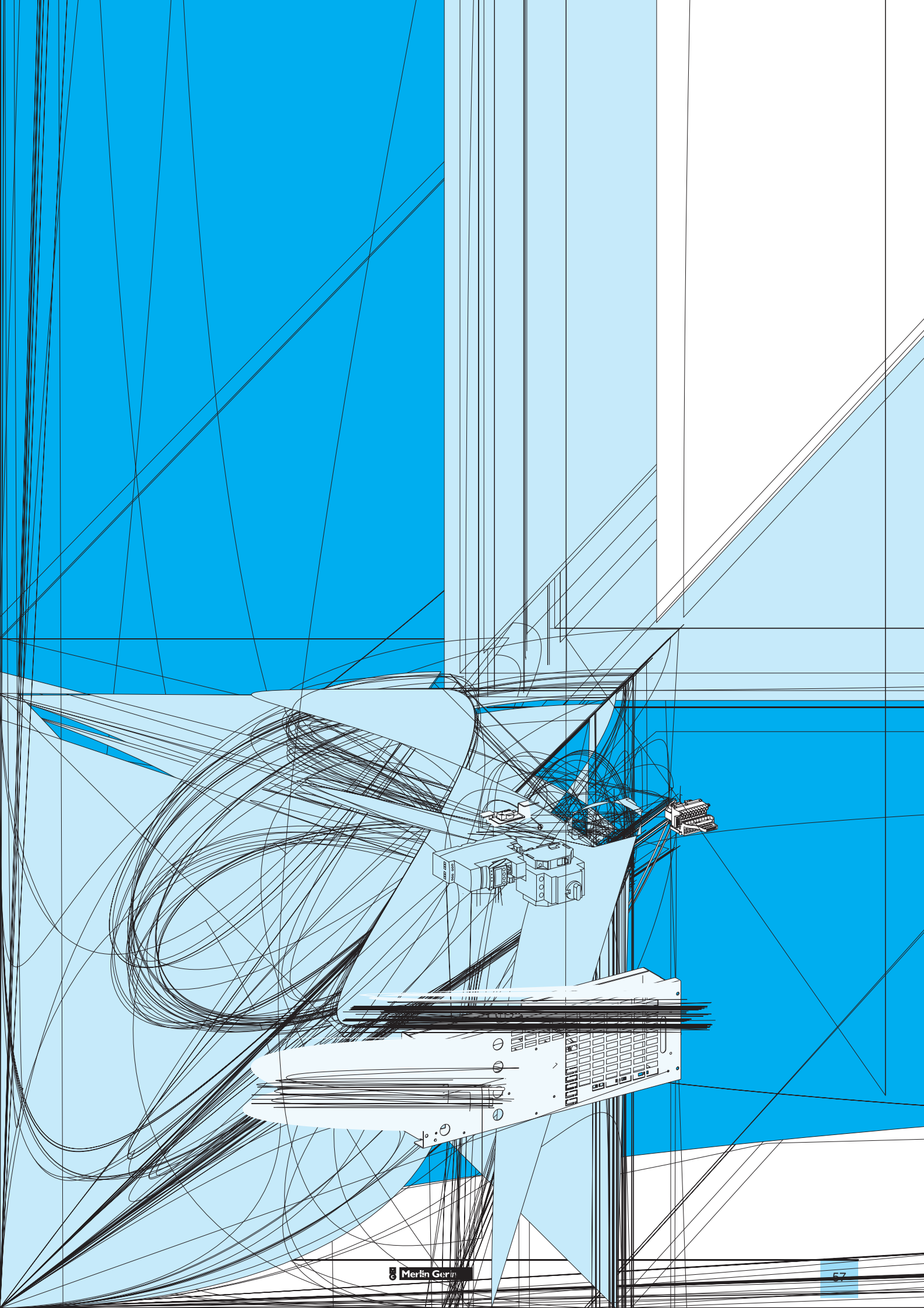
Mounting plate H = 50 mm (1 module).

Diagram

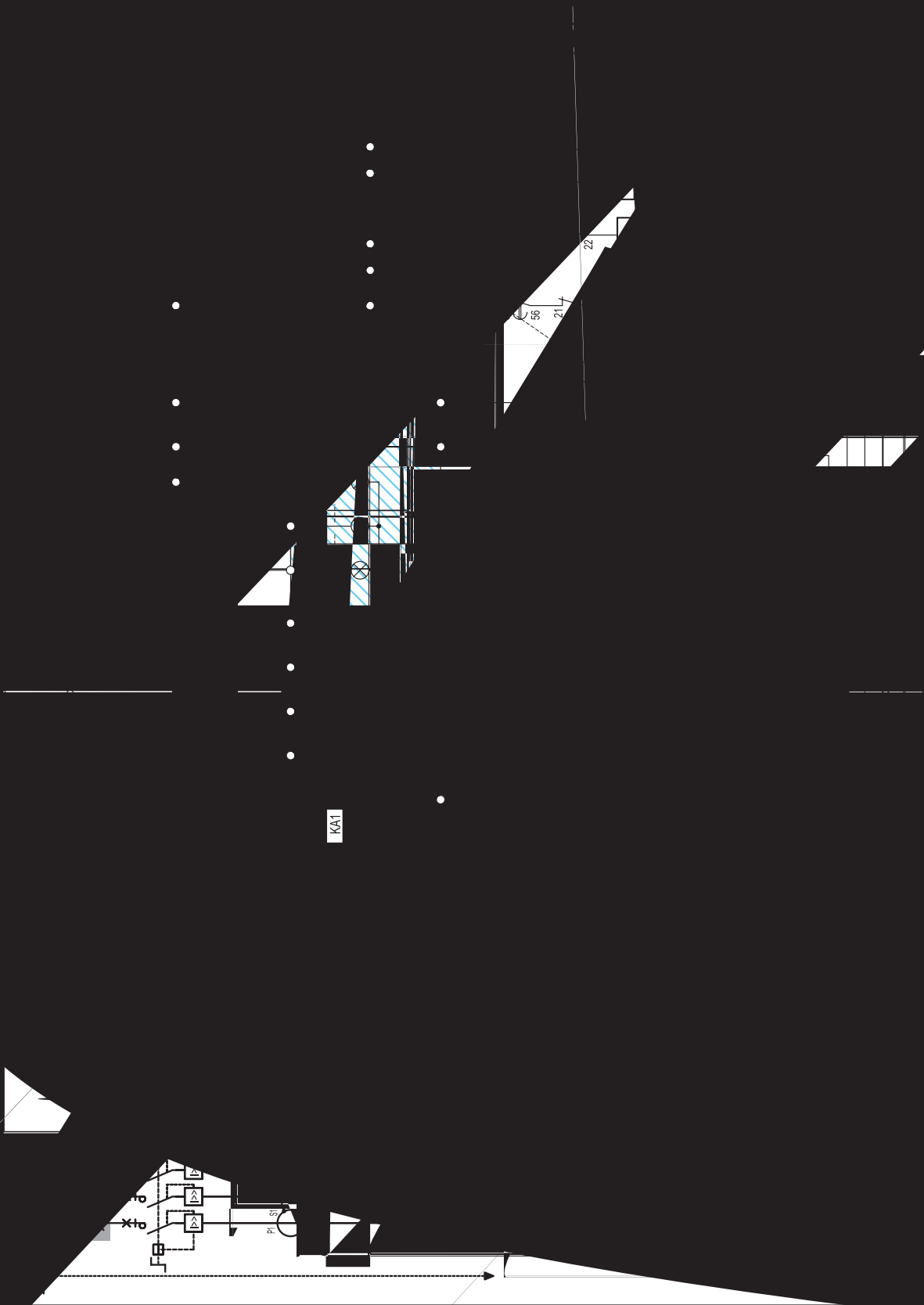








Diagram



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...TING	26/08/04	03				GHQ8054801			
	16/07/04	01							
...SE	04/06/02	00							
						E5S	GHQ8054801	127	04

- LCDD local control and display device.
- Not to be used for disconnectable mounting plates.
- Not to be used for fixed feeders.

Diagram No. 127

3-component feeder with GV2 circuit breaker, star delta Bus + Tesys U controller

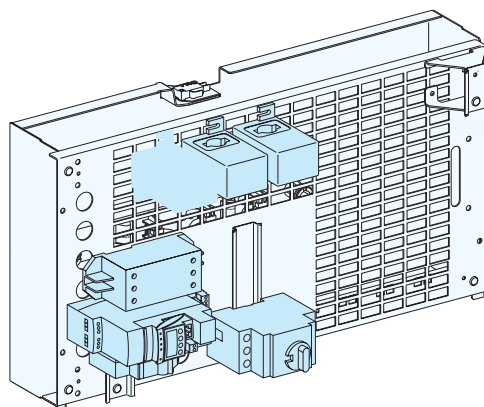
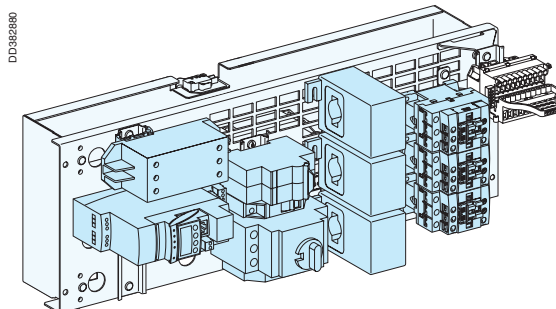
Equipment list

Designation	Quantity	Reference
Limiter + Pratic raiser	(1)	LA9LB920 + 04224
Magnetic circuit breaker	1	GV2-L●●
Plug in aux. 2NO	1	GVAE20
Aux. NC inst. NC fault sig	1	GVAD1001
External operator	(1)*	GV2AP01
GV2 external handle	(1)**	GV2AP04
Stop plates for terminal blocks	1	07180
Control circuit breaker	1	GB2CD07
C60N 2P 10 A C curve	1	24201
Auxiliary switch O-F for C60/ID	1	26924
Cont. ●●A 1F + 1O 230 V 50/60 Hz	3	LC1D●●P7
Interlock for cont.	1	LA9D●●●●
Contact block	1	LADS2
Contact block	1	LA8DN11
Control base	1	LUTM10BL
Control unit	1	LUC●T1BL
Modbus module	1	LULC032
Current transformer	3	LUTC●●●●
LCDD 1 (option)	1	88400

* : for 6M and higher drawers and fixed mounting plates.

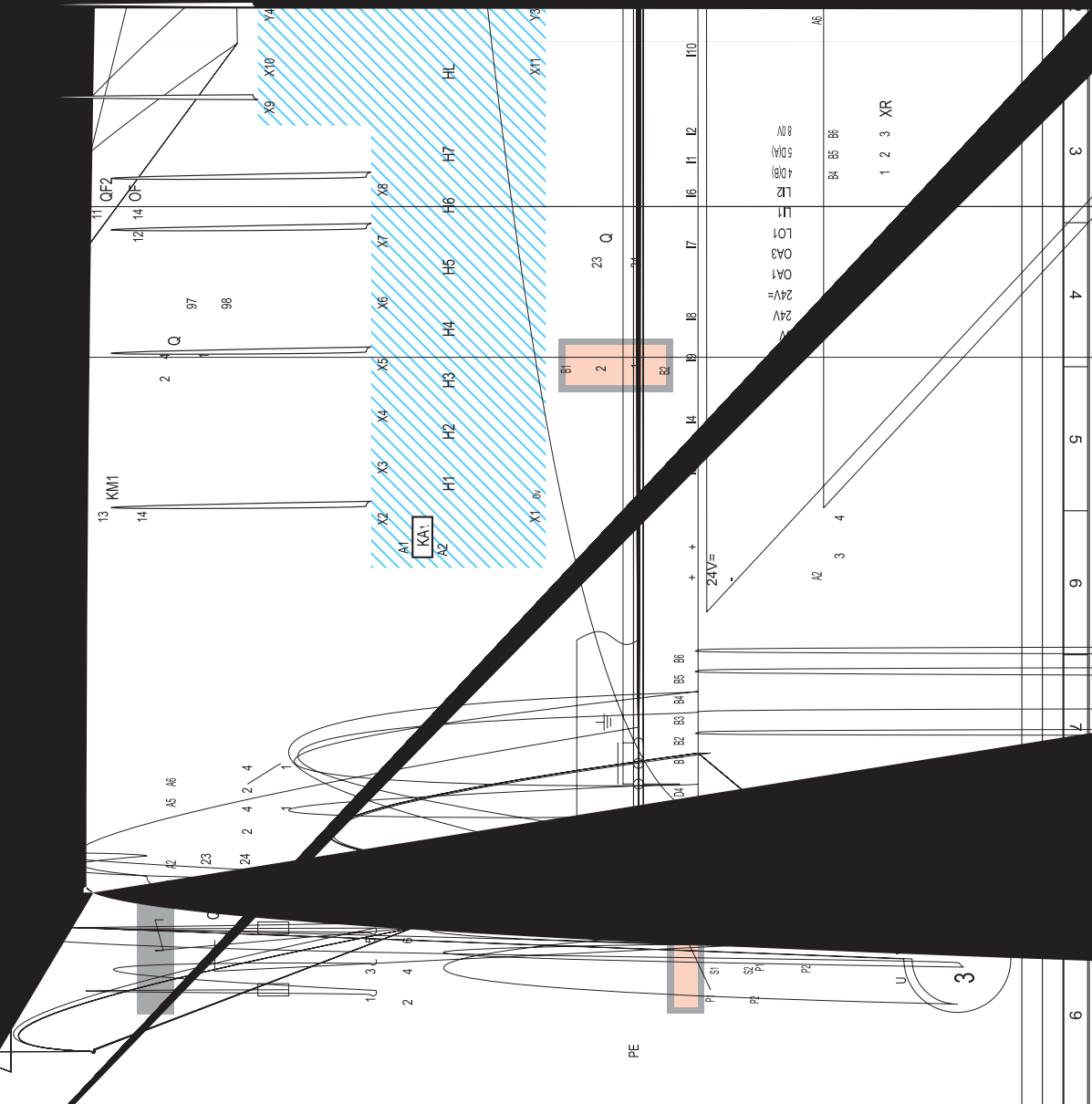
** : for under 6M drawers and fixed mounting plates.

Examples



Mounting plate H = 300 mm (6 modules). [DiagramPrisma](#)

type



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UP TO DATE	16/07/04	01						
FIRST ISSUE	04/06/02	00						



MCC DIAGRAM 151
GHQ8056001

E5S	GHQ8056001	151	04
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- LCDD local control and display device.
- Not to be used for disconnectable mounting plates.
- Not to be used for fixed feeders.

Dia 3-co with Bus

Equip

Design

GSI fuse

Contact

Contact

Contact

Black ex

Black ex

Intern

Intern

Control

C60N 2P

Auxilia

for

C

M

Cu

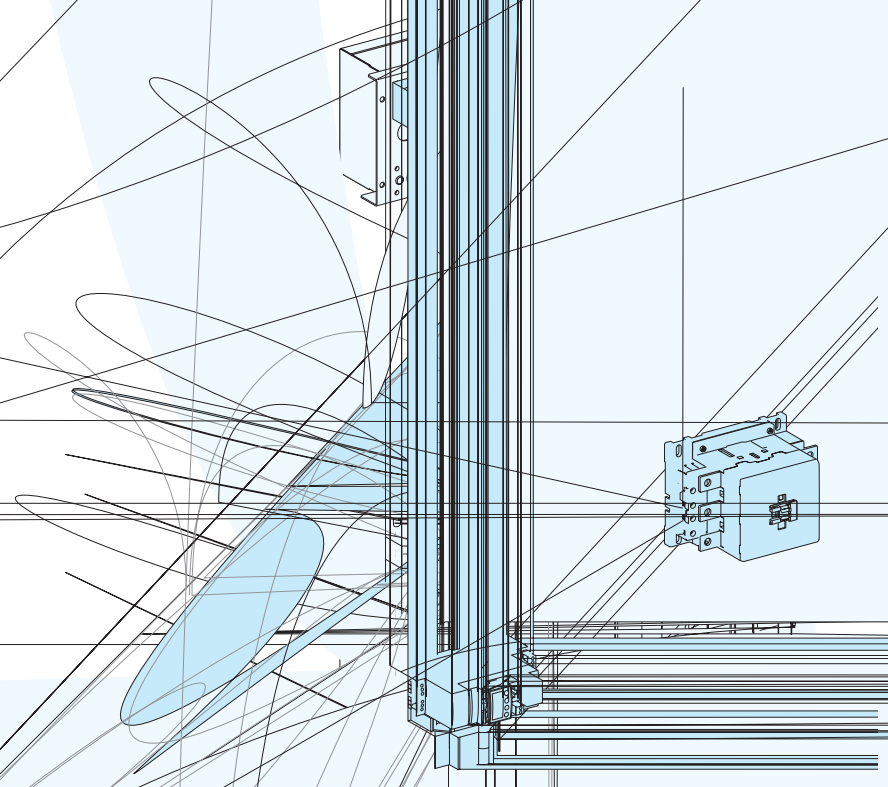
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Exam

DD382881





MCC DIAGRAM 155

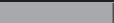


Diagram No. 153

3-component feeder
with GS1 disconnecter fuse, reversing
switch + Tesys U controller

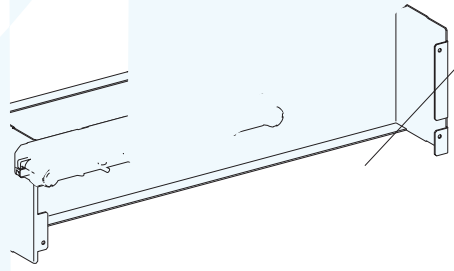
Equipment list

Designation	Quantity	Reference
GS1 fuse switch disconnecter	1	
Terminal block 1 x OF	1	
Terminal block 2 x OF 50 to 250 A	1	
Terminal block 1 x OF 50 A		
Terminal block ext. handle 32-63 A		
Terminal block ext. handle 100-400 A		
Terminal handle 32-63 A		
Terminal handle 100-400 A		
Control circuit breaker		
Control ON 2P 10 A C curve		
Control auxiliary switch O-F for C60/IP		
Control reversing contactor 230 V 50		
Control contacts block		
Control base		
Control unit		
Control Modbus module		
Control current transformer		
Control DD 2 (optional)		3401

... for GS1F on
... for C60 on
*** ... on
*** ... 1J on

Examples

DD282823



Diagram



KAT



local control



Not to be used for bus connections involving plates.

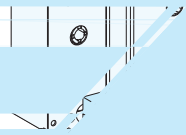


Not to be used for fixed feeders.

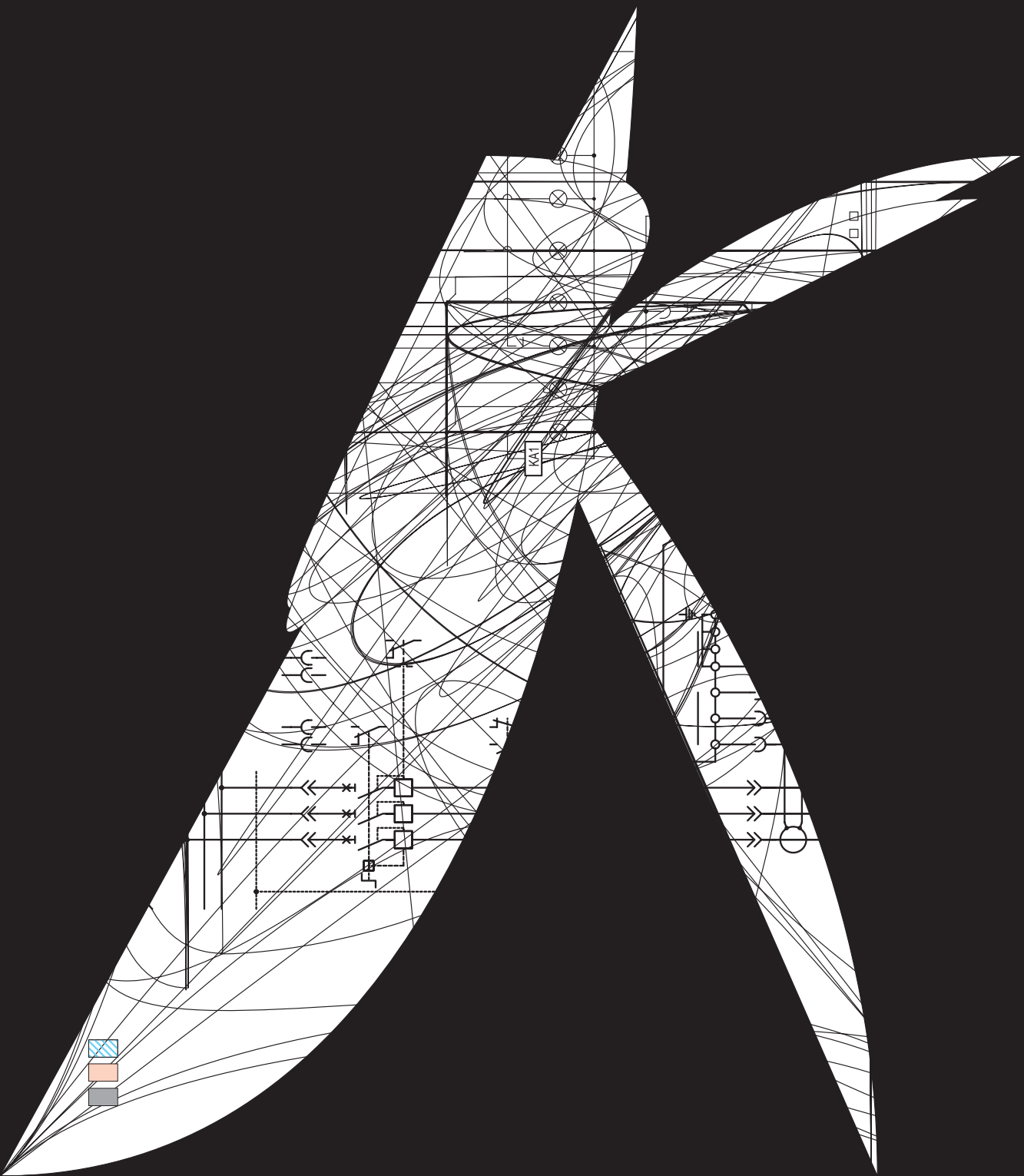


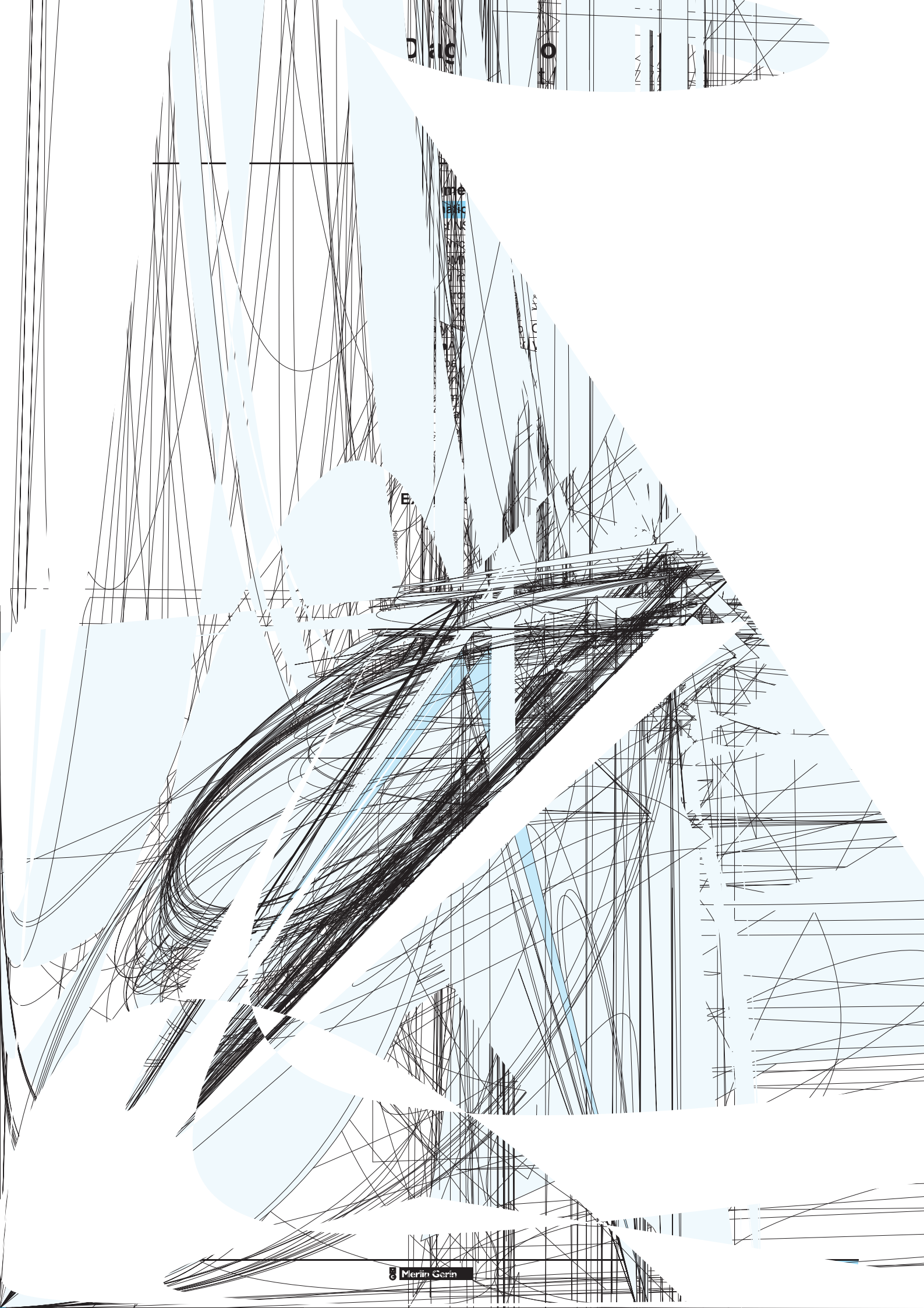
	Quantity	Reference
	1	GS1●●●
	1	GS1AM1
	1	GS1AF
	1	GS1AF1
	(1)*	GS1AH110
	(1)**	GS1AH130
	(1)***	GS1AH01
	(1)****	GS1AH02
	1	GB2CD07
	1	24201
	1	26924
	3	LC1D●●P7
	1	LA9D●●●●
	1	LADS2
	1	LA8F
	1	LI
	1	
	1	
	3	
	1	

* : for GS1F on drawers and fixed mounting plates.
 ** : for GS1J on drawers and fixed mounting plates.
 *** : for GS1F on disconnectable mounting plates.
 **** : for GS1J on disconnectable mounting plates.



Diagram





DATE

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Revision

Diagram
Prism
discon
switch

A1
A2 KA1



Diagram No 173

3-component feeder
with NS80HM, a circuit breaker
Bus + Tesys Control

Equipment list

Designation

Compact NS80H

1 aux. switch

Interf. E9

Extens

Cor

UJBL

T1BL

LULC032

LUTC

88401

Mounting plate H = 300 mm (6 modules).