Main switch, P1, 25 A, surface mounting, 3 pole + N, STOP function, With black rotary handle and locking ring, Lockable in the 0 (Off) position, hard knockout version



Part no. P1-25/I2H/SVB-SW/N 227863

General specifications	
Product name	Eaton Moeller® series P1 Main switch
Part no.	P1-25/I2H/SVB-SW/N
EAN	4015082278632
Product Length/Depth	115 millimetre
Product height	180 millimetre
Product width	100 millimetre
Product weight	0.485 kilogram
Certifications	IEC/EN 60947-3 CSA File No.: 012528 CSA-C22.2 No. 94 IEC/EN 60204 UL File No.: E36332 UL CE CSA Class No.: 3211-05 UL Category Control No.: NLRV IEC/EN 60947 VDE 0660 UL 60947-4-1 CSA CSA-C22.2 No. 60947-4-1-14
Product Tradename	P1
Product Type	Main switch
Product Sub Type	None
Catalog Notes	hard knockout version Rated Short-time Withstand Current (Icw) for a time of 1 second
Features & Functions	
Features	Version as main switch Version as maintenance-/service switch
Fitted with:	Black rotary handle and locking ring
Functions	Interlockable STOP function
Locking facility	Lockable in the 0 (Off) position
Number of poles	4
General information	
Accessories	Auxiliary contact fitted by user.
Degree of protection	NEMA 12
Degree of protection (front side)	IP65
Lifespan, mechanical	300,000 Operations
Mounting method	Surface mounting
Mounting position	As required
Operating frequency	1200 Operations/h
Overvoltage category	III
Pollution degree	3
Rated impulse withstand voltage (Uimp)	6000 V AC
Safe isolation	440 V AC, Between the contacts, According to EN 61140
Safety parameter (EN ISO 13849-1)	B10d values as per EN ISO 13849-1, table C.1
Shock resistance	15 g, Mechanical, According to IEC/EN 60068-2-27, Half-sinusoidal shock 20 ms
Suitable for	Ground mounting Branch circuits, suitable as motor disconnect, (UL/CSA)
Climatic environmental conditions	
Ambient operating temperature - min	-25 °C
	40 °C

Ambient operating temperature (enclosed) - min	-25 °C
Ambient operating temperature (enclosed) - max	40 °C
Climatic proofing	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
Terminal capacities	
Terminal capacity	14 - 8 AWG, solid or flexible with ferrule $2 \times (1 - 4) \text{ mm}^2$, flexible with ferrules to DIN 46228 $2 \times (1.5 - 6) \text{ mm}^2$, solid or stranded $1 \times (1 - 4) \text{ mm}^2$, flexible with ferrules to DIN 46228 $1 \times (1.5 - 6) \text{ mm}^2$, solid or stranded
Screw size	M4, Terminal screw
Tightening torque	14.1 lb-in, Screw terminals 1.6 Nm, Screw terminals
Electrical rating	
Rated breaking capacity at 220/230 V (cos phi to IEC 60947-3)	190 A
Rated breaking capacity at 400/415 V (cos phi to IEC 60947-3)	150 A
Rated breaking capacity at 500 V (cos phi to IEC 60947-3)	170 A
Rated breaking capacity at 660/690 V (cos phi to IEC 60947-3)	150 A
Rated operational current (Ie) at AC-3, 220 V, 230 V, 240 V	19.6 A
Rated operational current (Ie) at AC-3, 380 V, 400 V, 415 V	15.2 A
Rated operational current (Ie) at AC-3, 500 V	12.1 A
Rated operational current (Ie) at AC-3, 660 V, 690 V	8.8 A
Rated operational current (le) at AC-21, 440 V	25 A
Rated operational current (Ie) at AC-23A, 230 V	25 A
Rated operational current (Ie) at AC-23A, 400 V, 415 V	25 A
Rated operational current (Ie) at AC-23A, 500 V	17.4 A
Rated operational current (Ie) at AC-23A, 690 V	12.6 A
Rated operational current (Ie) at DC-1, load-break switches /r = 1 ms	25 A
Rated operational current (Ie) at DC-23A, 24 V	25 A
Rated operational current (Ie) at DC-23A, 48 V	25 A
Rated operational current (le) at DC-23A, 60 V	25 A
Rated operational current (Ie) at DC-23A, 120 V	12 A
Rated operational power at AC-3, 380/400 V, 50 Hz	7.5 kW
Rated operational power at AC-3, 415 V, 50 Hz	7.5 kW
Rated operational power at AC-3, 500 V, 50 Hz	7.5 kW
Rated operational power at AC-3, 690 V, 50 Hz	7.5 kW
Rated operational power at AC-23A, 220/230 V, 50 Hz	5.5 kW
Rated operational power at AC-23A, 400 V, 50 Hz	13 kW
Rated operational power at AC-23A, 500 V, 50 Hz	11 kW
Rated operational power at AC-23A, 690 V, 50 Hz	11 kW
Rated operational voltage (Ue) at AC - max	690 V
Rated uninterrupted current (Iu)	25 A
Uninterrupted current	Rated uninterrupted current lu is specified for max. cross-section.
Short-circuit rating	
Rated conditional short-circuit current (Iq)	80 kA
Rated short-time withstand current (Icw)	640 A, Contacts, 1 second
Short-circuit current rating (basic rating)	0.64 kA 5 kA, SCCR (UL/CSA)
Short-circuit current rating (high fault)	110A, max. Fuse, SCCR (UL/CSA) 50 A, Class J, max. Fuse, SCCR (UL/CSA) 10 kA, SCCR (UL/CSA)
Short-circuit protection rating	25 A gG/gL, Fuse, Contacts
Switching capacity	- 3.3,,
Load rating	$2 \times I\#$ (with intermittent operation class 12, 25 % duty factor) 1.6 $\times I\#$ (with intermittent operation class 12, 40 % duty factor) 1.3 $\times I\#$ (with intermittent operation class 12, 60 % duty factor)
Number of contacts in series at DC-23A, 24 V	1
Number of contacts in series at DC-23A, 48 V	2
Number of contacts in series at DC-23A, 60 V	2

Number of contacts in series at DC-23A, 120 V	3
Switching capacity (main contacts, general use)	20 A, Rated uninterrupted current max. (UL/CSA)
Switching capacity (auxiliary contacts, general use)	10A, IU, (UL/CSA)
Switching capacity (auxiliary contacts, guild duty)	A600 (UL/CSA)
Ownorming departing (administry contents), prior daily)	P600 (UL/CSA)
Rated making capacity up to 690 V (cos phi to IEC/EN 60947-3)	240 A
Voltage per contact pair in series	60 V
Motor rating	
Assigned motor power at 115/120 V, 60 Hz, 1-phase	1 HP
Assigned motor power at 200/208 V, 60 Hz, 1-phase	2 HP
Assigned motor power at 200/208 V, 60 Hz, 3-phase	3 HP
Assigned motor power at 230/240 V, 60 Hz, 1-phase	3 HP
Assigned motor power at 230/240 V, 60 Hz, 3-phase	5 HP
Assigned motor power at 460/480 V, 60 Hz, 3-phase	10 HP
Assigned motor power at 575/600 V, 60 Hz, 3-phase	15 HP
Contacts	
Control circuit reliability	1 failure per 100,000 switching operations statistically determined, at 24 V DC, 10
Constant of our conducting	mA)
Number of auxiliary contacts (change-over contacts)	0
Number of auxiliary contacts (normally closed contacts)	0
Number of auxiliary contacts (normally open contacts)	0
Actuator	
Actuator color	Black
Actuator type	Door coupling rotary drive
Design verification	
Equipment heat dissipation, current-dependent Pvid	1.1 W
Heat dissipation capacity Pdiss	0 W
Heat dissipation per pole, current-dependent Pvid	1.1 W
Rated operational current for specified heat dissipation (In)	25 A
Static heat dissipation, non-current-dependent Pvs	0 W
10.2.2 Corrosion resistance	Meets the product standard's requirements.
10.2.3.1 Verification of thermal stability of enclosures	Meets the product standard's requirements.
10.2.3.2 Verification of resistance of insulating materials to normal heat	Meets the product standard's requirements.
10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects	Meets the product standard's requirements.
10.2.4 Resistance to ultra-violet (UV) radiation	UV resistance only in connection with protective shield.
10.2.5 Lifting	Does not apply, since the entire switchgear needs to be evaluated.
10.2.6 Mechanical impact	Does not apply, since the entire switchgear needs to be evaluated.
10.2.7 Inscriptions	Meets the product standard's requirements.
10.3 Degree of protection of assemblies	Does not apply, since the entire switchgear needs to be evaluated.
10.4 Clearances and creepage distances	Meets the product standard's requirements.
10.5 Protection against electric shock	
•	Does not apply, since the entire switchgear needs to be evaluated.
10.6 Incorporation of switching devices and components 10.7 Internal electrical circuits and connections	Does not apply, since the entire switchgear needs to be evaluated.
10.8 Connections for external conductors	Is the panel builder's responsibility. Is the panel builder's responsibility.
10.9.2 Power-frequency electric strength	Is the panel builder's responsibility.
10.9.3 Impulse withstand voltage	
	Is the panel builder's responsibility.
10.9.4 Testing of enclosures made of insulating material	Is the panel builder's responsibility.
10.10 Temperature rise	The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
10.11 Short-circuit rating	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.12 Electromagnetic compatibility	Is the panel builder's responsibility. The specifications for the switchgear must b observed.

Technical data ETIM 8.0

Low-voltage industrial components (EG000017) / Switch disconnector (EC000216)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Off-load switch, circuit breaker, control switch / Switch disconnector (ecl@ss10.0.1-27-37-14-03 [AKF060013])

Version as maintenance /service switch Version as sentery switch Version as sentery switch Version as sentery switch Version as sentery switch Version as remerance y sport stallation Number of switches as normally closed contact Number of switches as change-ever contact Number of dwitches as change-ever contact Number of switches as change-ever contact Nu	[AKF060013])	377		.,
Version as safety switch Version as senergency sop insallation Version as reversing switch No	Version as main switch			Yes
Version as emergency stop installation No Version as reversing switch No Number of switches 1 Rated operation voltage Ue AC V 680 - 690 Rated operating voltage V 680 - 690 Rated permanent current turent turent turent turent turent turent turent at AC-24, 400 V A 25 Rated permanent current at AC-24, 400 V A 25 Rated short-time withstand current tow kW 7.5 Rated short-time withstand current tow kA 0.64 Rated operation power at AC-23, 400 V kW 13 Switching power at 400 V kW 13 Conditioned rated short-circuit current lq kA 80 Number of abusilary contacts as normally closed contact 0 0 Number of abusilary contacts as normally conditioned rated as a change-over contact 0 0 Number of abusilary contacts as change-over contact 0 No Votage release optional No No Motor drive optional No No Wotage release optional No No	Version as maintenance-/service switch			Yes
Version as reversing switch 1 Number of switches 1 Max. rated operation voltage Ue AC V 690 - 690 Rated operating voltage V 690 - 690 Rated operating voltage A 25 Rated permanent current at AC-23, 400 V A 25 Rated operation power at AC-23, 400 V KW 7.5 Rated operation power at AC-23, 400 V kW 13 Rated operation power at AC-23, 400 V kW 13 Rated operation power at AC-23, 400 V kW 13 Rated operation power at AC-23, 400 V kW 13 Rated operation power at AC-23, 400 V kW 13 Rated operation power at AC-23, 400 V kW 13 Word and the proper operation of the proper operation power at AC-23, 400 V kW 13 Switching power at 400 V kW 13 Unmber of poles KW 80 Number of availiary contacts as normally closed contact 0 Number of availiary contacts as change-over contact No Motor drive optional No	Version as safety switch			No
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Max. rated operating voltage V 690 Rated operating voltage V 690 - 690 Rated operating voltage V 690 - 690 Rated permanent current at AC-23, 400 V A 25 Rated operation power at AC-3, 400 V kW 7.5 Rated operation power at AC-3, 400 V kW 13 Rated operation power at AC-23, 400 V kW 13 Rated operation power at AC-23, 400 V kW 13 Rated operation power at AC-23, 400 V kW 13 Switching power at 400 V kW 13 Conditioned rated short-circuit current Iq kW 13 Number of publish power at 400 V kW 13 Number of auxiliary contacts as normally closed contact P 0 Number of auxiliary contacts as change-over contact P 0 Number of auxiliary contacts as change-over contact P 0 Motor drive integrated P No Voltage release optional P Complete device in housing Suitable for floor mounting P No <tr< td=""><td>Version as reversing switch</td><td></td><td></td><td>No</td></tr<>	Version as reversing switch			No
Rated operating voltage V 690 - 690 Rated permanent current at AC-23, 400 V A 25 Rated permanent current at AC-23, 400 V A 25 Rated operation power at AC-3, 400 V kW 7.5 Rated operation power at AC-3, 400 V kW 13 Rated operation power at AC-23, 400 V kW 13 Switching power at 400 V kW 13 Conditioned rated short-circuit current Iq kA 90 Number of poles 4 4 Number of poles 4 4 Number of poles 4 0 Number of poles 4 0 Number of poles 4 0 Number of poles 4 No Number of poles as portinated power contact 0 0 Number of poles as portinated power contact No No Notor drive optional No No Motor drive optional No No Motor drive optional No No Suitable for foor mounting No	Number of switches			1
Rated permanent current at AC-23, 400 V A 25 Rated permanent current at AC-23, 400 V A 25 Rated operation power at AC-3, 400 V KW 7.5 Rated operation power at AC-3, 400 V kW 13 Rated operation power at AC-23, 400 V kW 13 Switching power at 400 V kW 13 Conditioned rated short-circuit current Iq kA 80 Number of poles 4 4 Number of auxiliary contacts as normally closed contact 0 0 Number of auxiliary contacts as normally poen contact 0 0 Number of auxiliary contacts as normally closed contact 0 0 Number of auxiliary contacts as normally closed contact 0 0 Number of auxiliary contacts as change-over contact 0 0 Motor drive entirested No No Voltage release optional No No Device construction Yes No Suitable for floor mounting No No Suitable for front mounting dentre No No <tr< td=""><td>Max. rated operation voltage Ue AC</td><td></td><td>V</td><td>690</td></tr<>	Max. rated operation voltage Ue AC		V	690
Rated permanent current at AC-23, 400 V A 25 Rated permanent current at AC-21, 400 V kW 7.5 Rated operation power at AC-3, 400 V kW 7.5 Rated operation power at AC-23, 400 V kW 13 Rated operation power at AC-23, 400 V kW 13 Switching power at 400 V kW 13 Conditioned rated short-circuit current Iq kA 80 Number of poles 4 4 Number of poles 4 0 Number of auxiliary contacts as normally closed contact 0 0 Number of auxiliary contacts as change-over contact 0 0 Number of auxiliary contacts as change-over contact No No Motor drive entegrated No No Motor drive entegrated No No Votage release optional No No Suitable for front mounting 4-hole No No Suitable for front mounting entre No No Suitable for front mounting centre No No Suitable for intermediate mounting<	Rated operating voltage		V	690 - 690
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Rated operation power at AC-3, 400 V Rated short-time withstand current lcw Rated operation power at AC-23, 400 V RW 13 Switching power at 400 V Conditioned rated short-circuit current Iq RATED Auxiliary contacts as normally closed contact Number of poles Number of auxiliary contacts as normally open contact Number of auxiliary contacts as normally open contact Number of auxiliary contacts as normally open contact Number of auxiliary contacts as change-over contact Number of auxiliary contacts as change-over contact Number of auxiliary contacts as change-over contact Number of number of formaliary contacts as change-over contact Number of rormaliary contacts as change-over contact Number of rormaliary contacts as change-over contact Number of auxiliary contacts as change-over contact Number of auxiliary contacts as change-over contact Number of auxiliary contacts as normally open contact No No Suitable for forit mounting No Suitable for front mounting 4-hole Suitable for front mounting 4-hole Suitable for front mounting 4-hole Suitable for front mounting centre Suitable for front mounting 4-hole Suitable for intermediate mounting No Suitable for intermediate mounting No Suitable for intermediate mounting Suitable for intermediate mounting No No Suitable for intermediate mounting No No Suitable for intermediate mounting No No No Suitable for intermediate mounting No	Rated permanent current at AC-23, 400 V		Α	25
Rated short-time withstand current low Rated operation power at AC-23, 400 V RW 13 Switching power at 400 V Conditioned rated short-circuit current Iq RW 80 Number of poles Number of auxiliary contacts as normally closed contact Number of auxiliary contacts as normally contact Number of auxiliary contacts as normally open contact Number of auxiliary contacts as normally open contact Number of auxiliary contacts as change-over contact Number of auxiliary contacts as change-over contact Notor drive pitional Notor drive integrated Voltage release optional Device construction Suitable for floor mounting Suitable for floor mounting Suitable for front mounting 4-hole Suitable for front mounting 4-hole Suitable for front mounting centre Suitable for fidstribution board installation Suitable for intermediate mounting Colour control element Type of control element Interlockable Type of electrical connection of main circuit Degree of protection (IP), front side No Screw connection PRES No Screw connection PRES No Screw connection	Rated permanent current at AC-21, 400 V		Α	25
Rated operation power at AC-23, 400 V Switching power at 400 V Conditioned rated short-circuit current Iq Number of poles Number of poles Number of auxiliary contacts as normally closed contact Number of auxiliary contacts as normally open contact Number of auxiliary contacts as change-over contact Notor drive optional Motor drive integrated Voltage release optional Device construction Suitable for floor mounting Suitable for front mounting 4-hole Suitable for front mounting 4-hole Suitable for distribution board installation Suitable for distribution board installation Suitable for intermediate mounting Colour control element Type of control element Interlockable Type of electrical connection of main circuit Degree of protection (IP), front side IP65	Rated operation power at AC-3, 400 V		kW	7.5
Switching power at 400 V Conditioned rated short-circuit current Iq kA 80 Number of poles Number of auxiliary contacts as normally closed contact Number of auxiliary contacts as normally closed contact Number of auxiliary contacts as normally open contact Number of auxiliary contacts as change-over contact Number of auxiliary contacts as change-over contact Notor drive optional Notor drive integrated Voltage release optional Device construction Suitable for floor mounting Suitable for front mounting 4-hole Suitable for front mounting 4-hole Suitable for front mounting centre Suitable for distribution board installation Suitable for intermediate mounting Colour control element Type of control element Type of control element Type of control element Type of electrical connection of main circuit Degree of protection (IP), front side	Rated short-time withstand current lcw		kA	0.64
Conditioned rated short-circuit current Iq Number of poles Number of auxiliary contacts as normally closed contact Number of auxiliary contacts as normally open contact Number of auxiliary contacts as normally open contact Number of auxiliary contacts as change-over contact Not o Motor drive optional Motor drive integrated Voltage release optional Device construction Suitable for floor mounting Suitable for front mounting 4-hole Suitable for front mounting 4-hole Suitable for front mounting centre Suitable for distribution board installation Suitable for intermediate mounting Suitable for intermediate mounting Colour control element Type of control element Interlockable Type of electrical connection of main circuit Degree of protection (IP), front side A 80 4 4 6 6 7 8 8 8 8 8 8 8 8 8 8 8 8	Rated operation power at AC-23, 400 V		kW	13
Number of poles Number of auxiliary contacts as normally closed contact Number of auxiliary contacts as normally open contact O Number of auxiliary contacts as change-over contact O Motor drive optional No Motor drive integrated No Voltage release optional Oevice construction Suitable for floor mounting Suitable for front mounting 4-hole Suitable for front mounting centre Suitable for distribution board installation Suitable for intermediate mounting Colour control element Type of control element Type of control element Type of control element Type of electrical connection of main circuit Degree of protection (IP), front side 4 No O O O O O O O O O O O O O	Switching power at 400 V		kW	13
Number of auxiliary contacts as normally closed contact Number of auxiliary contacts as normally open contact Number of auxiliary contacts as change-over contact Number of auxiliary contacts as change-over contact No Motor drive optional No Notor drive integrated No Voltage release optional No Device construction Suitable for floor mounting Suitable for front mounting 4-hole Suitable for front mounting entre Suitable for fort mounting centre No Suitable for distribution board installation No Suitable for distribution board installation No Colour control element No Colour control element Door coupling rotary drive Interlockable Type of control element Degree of protection (IP), front side O O O O O O O O O O O O O	Conditioned rated short-circuit current Iq		kA	80
Number of auxiliary contacts as normally open contact Number of auxiliary contacts as change-over contact Notor drive optional Notor drive integrated Notor drive integrat	Number of poles			4
Number of auxiliary contacts as change-over contact Motor drive optional Motor drive integrated No No Voltage release optional Device construction Suitable for floor mounting Suitable for front mounting 4-hole Suitable for front mounting centre No Suitable for distribution board installation Suitable for intermediate mounting Colour control element Type of control element Degree of protection of main circuit Degree of protection (IP), front side No No No No No No No No No N	Number of auxiliary contacts as normally closed contact			0
Motor drive optional Motor drive integrated No Voltage release optional No Device construction Complete device in housing Suitable for floor mounting Suitable for front mounting 4-hole Suitable for front mounting centre No Suitable for distribution board installation No Suitable for intermediate mounting Colour control element Type of control element Degree of protection (IP), front side No No No Screw connection Degree of protection (IP), front side	Number of auxiliary contacts as normally open contact			0
Motor drive integrated Voltage release optional Device construction Suitable for floor mounting Suitable for front mounting 4-hole Suitable for front mounting centre No Suitable for distribution board installation No Suitable for intermediate mounting Colour control element Type of control element Interlockable Type of electrical connection of main circuit Degree of protection (IP), front side No Complete device in housing Yes No No No Suitable for intermediate mounting No Sorew connection IP65	Number of auxiliary contacts as change-over contact			0
Voltage release optional Device construction Complete device in housing Suitable for floor mounting Suitable for front mounting 4-hole No Suitable for front mounting centre No Suitable for distribution board installation No Suitable for intermediate mounting Colour control element Type of control element Interlockable Type of electrical connection of main circuit Degree of protection (IP), front side No Complete device in housing Yes No No No Suitable for intermediate mounting No Colour control element Serew connection IP), front side	Motor drive optional			No
Device construction Complete device in housing Yes Suitable for front mounting 4-hole No Suitable for front mounting centre No Suitable for distribution board installation Suitable for intermediate mounting Colour control element Type of control element Interlockable Type of electrical connection of main circuit Degree of protection (IP), front side Complete device in housing Yes No Suitable for intermediate in housing No No Suitable for front mounting centre No No Suitable for intermediate mounting No Black Yes Type of control element Door coupling rotary drive Screw connection IP65	Motor drive integrated			No
Suitable for floor mounting Suitable for front mounting 4-hole Suitable for front mounting centre No Suitable for distribution board installation No Suitable for intermediate mounting Colour control element Type of control element Interlockable Type of electrical connection of main circuit Degree of protection (IP), front side Yes No Screw connection 1965	Voltage release optional			No
Suitable for front mounting 4-hole Suitable for front mounting centre No Suitable for distribution board installation Suitable for intermediate mounting Colour control element Type of control element Interlockable Type of electrical connection of main circuit Degree of protection (IP), front side No No No Do Do Suitable for intermediate mounting No Do Colour control element Black Door coupling rotary drive Yes Screw connection IP65	Device construction			Complete device in housing
Suitable for front mounting centre Suitable for distribution board installation No Suitable for intermediate mounting No Colour control element Type of control element Interlockable Type of electrical connection of main circuit Degree of protection (IP), front side No No No Door coupling rotary drive Yes Type of electrical connection of main circuit Degree of protection (IP), front side No No No No No No Screw connection IP65	Suitable for floor mounting			Yes
Suitable for distribution board installation Suitable for intermediate mounting No Colour control element Type of control element Interlockable Type of electrical connection of main circuit Degree of protection (IP), front side No No Black Yes Yes Type of electrical connection of main circuit Degree of protection (IP), front side	Suitable for front mounting 4-hole			No
Suitable for intermediate mounting No Colour control element Type of control element Interlockable Type of electrical connection of main circuit Degree of protection (IP), front side No Black Door coupling rotary drive Yes Screw connection IP65	Suitable for front mounting centre			No
Colour control element Type of control element Door coupling rotary drive Yes Type of electrical connection of main circuit Degree of protection (IP), front side Black Type of control element Yes Screw connection	Suitable for distribution board installation			No
Type of control element Interlockable Type of electrical connection of main circuit Degree of protection (IP), front side Door coupling rotary drive Yes Screw connection IP65	Suitable for intermediate mounting			No
Interlockable Yes Type of electrical connection of main circuit Screw connection Degree of protection (IP), front side IP65	Colour control element			Black
Type of electrical connection of main circuit Degree of protection (IP), front side Screw connection IP65	Type of control element			Door coupling rotary drive
Degree of protection (IP), front side IP65	Interlockable			Yes
	Type of electrical connection of main circuit			Screw connection
D. C. C. (NICAMA)	Degree of protection (IP), front side			IP65
Degree of protection (NEMA)	Degree of protection (NEMA)			12