Main switch, P1, 32 A, surface mounting, 3 pole, 1 N/O, 1 N/C, STOP function, With black rotary handle and locking ring, Lockable in the 0 (Off) position, hard knockout version



Part no. P1-32/I2H/SVB-SW/HI11 227873

General specifications	
Product name	Eaton Moeller® series P1 Main switch
Part no.	P1-32/I2H/SVB-SW/HI11
EAN	4015082278731
Product Length/Depth	115 millimetre
Product height	180 millimetre
Product width	100 millimetre
Product weight	0.483 kilogram
Compliances	VDE
Certifications	EN 60947 IEC 60947 EN 60204 VDE CSA-C22.2 No. 94 UL File No.: E36332 UL Category Control No.: NLRV VDE 0660 CSA Class No.: 3211-05 UL CSA File No.: 012528 CSA CSA-C22.2 No. 60947-4-1-14 IEC/EN 60204 CE IEC/EN 60947 UL 60947-4-1 IEC/EN 60947-3
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
eatures & Functions	
Features	Version as maintenance-/service switch Version as main switch
Fitted with:	Black rotary handle and locking ring
Functions	Interlockable STOP function
Locking facility	Lockable in the 0 (Off) position
Number of poles	3
eneral information	
Accessories	Auxiliary contact or neutral conductor 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	Branch circuits, suitable as motor disconnect, (UL/CSA)

	Ground mounting
Туре	Hard knockout
Climatic environmental conditions	
Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	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 Screw size	2 x (1 - 4) mm², flexible with ferrules to DIN 46228 14 - 8 AWG, solid or flexible with ferrule 1 x (1 - 4) mm², flexible with ferrules to DIN 46228 1 x (1.5 - 6) mm², solid or stranded 2 x (1.5 - 6) mm², solid or stranded
Tightening torque	M4, Terminal screw 1.6 Nm, Screw terminals
	14.1 lb-in, Screw terminals
Electrical rating	
Rated breaking capacity at 220/230 V (cos phi to IEC 60947-3)	260 A
Rated breaking capacity at 400/415 V (cos phi to IEC 60947-3)	300 A
Rated breaking capacity at 500 V (cos phi to IEC 60947-3)	290 A
Rated breaking capacity at 660/690 V (cos phi to IEC 60947-3)	250 A
Rated operational current (Ie) at AC-3, 220 V, 230 V, 240 V	26.4 A
Rated operational current (Ie) at AC-3, 380 V, 400 V, 415 V	26.4 A
Rated operational current (le) at AC-3, 500 V	23.4 A
Rated operational current (le) at AC-3, 660 V, 690 V	14.7 A
Rated operational current (Ie) at AC-21, 440 V	32 A
Rated operational current (le) at AC-23A, 230 V	32 A
Rated operational current (le) at AC-23A, 400 V, 415 V	32 A
Rated operational current (le) at AC-23A, 500 V	30 A
Rated operational current (le) at AC-23A, 690 V	19.8 A
Rated operational current (le) at DC-1, load-break switches I/r = 1 ms	32 A
Rated operational current (le) at DC-23A, 24 V	25 A
Rated operational current (le) at DC-23A, 48 V	25 A
Rated operational current (le) at DC-23A, 60 V	25 A
Rated operational current (le) at DC-23A, 120 V	12 A
Rated operational power at AC-3, 380/400 V, 50 Hz	13 kW
Rated operational power at AC-3, 415 V, 50 Hz	13 kW
Rated operational power at AC-3, 500 V, 50 Hz	18.5 kW
Rated operational power at AC-3, 690 V, 50 Hz	15 kW
Rated operational power at AC-23A, 220/230 V, 50 Hz	7.5 kW
Rated operational power at AC-23A, 400 V, 50 Hz	15 kW
Rated operational power at AC-23A, 500 V, 50 Hz	18.5 kW
Rated operational power at AC-23A, 690 V, 50 Hz	15 kW
Rated operational voltage (Ue) at AC - max	690 V
Rated uninterrupted current (Iu)	32 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 0.64 kA
Short-circuit current rating (basic rating)	110A, max. Fuse, SCCR (UL/CSA) 5 kA, SCCR (UL/CSA)
Short-circuit current rating (high fault)	50 A, Class J, max. Fuse, SCCR (UL/CSA) 10 kA, SCCR (UL/CSA)
Short-circuit protection rating	50 A gG/gL, Fuse, Contacts
Switching capacity	
Load rating	2 x l# (with intermittent operation class 12, 25 % duty factor)

	1.6 x I# (with intermittent operation class 12, 40 % duty factor) 1.3 x 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)	30 A, Rated uninterrupted current max. (UL/CSA)
Switching capacity (auxiliary contacts, general use)	10A, IU, (UL/CSA)
Switching capacity (auxiliary contacts, pilot duty)	P600 (UL/CSA)
	A600 (UL/CSA)
Rated making capacity up to 690 V (cos phi to IEC/EN 60947-3)	320 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	7.5 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 mA)
Number of auxiliary contacts (change-over contacts)	0
Number of auxiliary contacts (normally closed contacts)	1
Number of auxiliary contacts (normally open contacts)	1
Actuator	
Actuator color	Black
Actuator type	Door coupling rotary drive
Design verification	
Equipment heat dissipation, current-dependent Pvid	1.8 W
Heat dissipation capacity Pdiss	0 W
Heat dissipation per pole, current-dependent Pvid	1.8 W
Rated operational current for specified heat dissipation (In)	32 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	Does not apply, since the entire switchgear needs to be evaluated.
10.7 Internal electrical circuits and connections	Is the panel builder's responsibility.
10.8 Connections for external conductors	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 be observed.
10.13 Mechanical function	The device meets the requirements, provided the information in the instruction leaflet (IL) is 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 main awahned New Service switch Yes Go. Version as seth genery stop installation Yes Go. Version as servering switch Yes Go. Version as servering switch Yes Go. Version as servering switch Yes Go. Mux. rated operation voltage Us AC Yes Go. Netword ordering voltage Us AC Yes Go. Reted operation power at AC-24,400 V Ac 3 Reted operation power at AC-25,400 V Yes Go. Reted operation power at AC-24,400 V Yes Go. Reted operation power at AC-24,400 V Yes Go. Number of auxiliary contacts as normally closed contact Yes Go. Number of auxiliary contacts as normally closed contact Yes Go. Number of auxiliary contacts as normally closed contact Yes Go. Number of auxiliary contacts as normally closed contact Yes Go. Yes Contact as Contact and Contact and Contact and	[AKF060013])	3,1		
Version as safety switch No Version as emergency stop installation No Version as reversing switch No Number of switches 1 Max. rated operation voltage Us AC V 30 Rated operation voltage Us AC V 30 Rated permanent current and AC-23, 400 V A 32 Rated permanent current and AC-23, 400 V A 32 Rated operation power and AC-23, 400 V A 3 Rated operation power and AC-23, 400 V K 3 Rated operation power and AC-23, 400 V K 4 Rated operation power and AC-23, 400 V K 4 Switch ing power at 400 V K 4 Switch ing power at 400 V K 4 Number of power at AC-23, 400 V K 4 Number of power at AC-23, 400 V K 4 Number of power at AC-23, 400 V K 4 Number of power at AC-23, 400 V K 4 Number of power at AC-23, 400 V K 4 Number of power at AC-23, 400 V K	Version as main switch			Yes
Version as emergency stop installation Ho Version as reversing switch 1 Number of switches 1 Rice operation voltage LeCA V Rice operating voltage V Rice operating voltage A Rice operating voltage A Rice operation current at AC-23,400 V A Rice operation power at AC-3,400 V A Rice operation power at AC-3,400 V B Conditioned rated short-circuit current q B Visibility power at AD-3,400 V B Visibility power at AC-3,400 V	Version as maintenance-/service switch			Yes
Variation as reversing switch 1 Number of switches 1 Max. rated operation voltage UeAC V 30-80-80 Rated operation yoltage (LeAC) A 32-80-80 Rated operation yoltage (LeAC) A 32-80-80 Rated permanent current ur A 32-80-80 Rated permanent current at AC-23,400 V A 32-80-80 Rated short-tion stream of the current at AC-23,400 V B 32-80-80 Rated operation power at AC-3,400 V B 32-80-80 Rated operation youth youth at AC-3,400 V B 32-80-80 Rated operation power at AC-3,400 V B 52-80-80 Rated operation youth youth at AC-3,400 V B 52-80-80 Number of substance of youth youth at AC-3,400 V B 52-80-80 Number of poles Y 1 1 Number of substance of youth youth at a so normally open contact Y 1 1 Number of substance of youth youth at a so normally open contact Y 1 1 Noter of youth youth youth a so normally open contact Y 1 1	Version as safety switch			No
Number of switches Include operation voltage Ue AC V 896 Rated operation voltage Ue AC V 896-809 Rated permanent current us AC-23, 400 V A 32 Rated permanent current at AC-23, 400 V A 32 Rated operation power at AC-3, 400 V A 32 Rated operation power at AC-3, 400 V B 40 84 Rated operation power at AC-23, 400 V B 15 16 Switching power at AC-24, 400 V B 16 16 Switching power at AC-24, 400 V B 16 16 Switching power at AC-24, 400 V B 16 16 Switching power at AC-24, 400 V B 16 16 Number of poles B 16 16 Number of poles B 16 16 Number of poles B 16 16 Number of swilling contacts as normally closed contact B 16 16 Motor of vive integrated B 16 16 16 Victage relass optional	Version as emergency stop installation			No
Max. rated operation voltage Ue AC V 699 Rated operating voltage V 690 - 690 Rated operating voltage A 32 Rated permanent current at AC-21,400 V A 3 Rated operation power at AC-3,400 V AW 3 Rated operation power at AC-3,400 V AW 3 Rated short-time withstand current lcw AW 5 Rated short-time withstand current lcw AW 5 Rated short-time withstand current lcw AW 5 Routed short-time withstand current lcw AW 5 Switching power at 400 V AW 5 Switching power at 400 V AW 5 Conditioned rated short-circuit current lq AW 8 Number of auxiliary contacts as normally closed contact I 1 Number of auxiliary contacts as change-over contact I N Motor drive integrated I N N Motor drive integrated I N N Suitable for front mounting I Y N	Version as reversing switch			No
Rated operating voltage V 800-890 Rated permanent current at AC-23,400 V A 32 Rated permanent current at AC-23,400 V A 32 Rated permanent current at AC-24,400 V A 32 Rated short-ine withstand current tark AC-3,400 V M 04 Rated short-ine withstand current tark AC-23,400 V M 04 Rated operation power at AC-23,400 V M 15 Switching power at 400 V M 15 Conditioned rated short-circuit current Iq M 9 Number of poles M 12 12 Number of poles M 12 12 Number of auxiliary contacts as normally closed cortact M 16 Number of auxiliary contacts as change-over contact M No Motor drive optional M No No Motor drive integrated M No No Voltage release optional M No No Suitable for four mounting M No No Suitable for four mounting centre	Number of switches			1
Rated permanent current lu A 32 Rated permanent current at AC-23, 400 V A 32 Rated permanent current at AC-21, 400 V A 32 Rated permanent current at AC-3, 400 V B A 32 Rated operation power at AC-3, 400 V B A 34 Rated operation power at AC-23, 400 V BW 15 Switching power at 400 V W 15 Conditional rated short-circuit current lq W B Number of poles B B B Number of auxiliary contacts as normally closed contact B 1 C Number of auxiliary contacts as change-over contact B B D Motor drive optional B B B B Motor drive integrated B B B B Voltage release optional B B B B B Device construction B B B B B B B B B B B B B <td>Max. rated operation voltage Ue AC</td> <td></td> <td>V</td> <td>690</td>	Max. rated operation voltage Ue AC		V	690
Rated permanent current at AC-23, 400 V A 32 Rated permanent current at AC-21, 400 V W 13 Rated operation power at AC-3, 400 V KA 0.64 Rated short-line withstand current lcw KA 0.64 Rated short-line withstand current lcw KA 0.64 Switching power at AC-23, 400 V W 15 Switching power at A00 V KA 80 Conditioned rated short-circuit current lq KA 80 Number of poles 3 3 Number of auxiliary contacts as normally closed contact 1 1 Number of auxiliary contacts as normally open contact 1 1 Number of auxiliary contacts as change-over contact 0 No Motor drive optional No No Motor drive integrated No No Voltage release optional No Complete device in housing Suitable for from mounting 4-hole No No Suitable for from mounting centre No No Suitable for firent mounting centre No No	Rated operating voltage		V	690 - 690
Rated permanent current at AC-21, 400 V A 32 Rated operation power at AC-3, 400 V kW 13 Rated operation power at AC-23, 400 V kW 15 Switching power at 400 V kW 15 Conditioned rated short-circuit current Iq kA 80 Number of plos 3 3 Number of auxiliary contacts as normally closed contact 1 1 Number of auxiliary contacts as normally open contact 1 1 Motor drive optional No No Motor drive integrated No No Voltage release optional No Complete device in housing Suitable for floor mounting Yes Complete device in housing Suitable for from mounting 4-hole No No Suitable for from mounting centre No No Suitable for intermediate mounting No No	Rated permanent current lu		Α	32
Rated operation power at AC-3, 400 V kW 13 Rated short-time withstand current lcw kA 0.64 Rated operation power at AC-23, 400 V kW 15 Switching power at 400 V kW 15 Conditioned rated short-circuit current lq kA 80 Number of poles KA 80 Number of auxiliary contacts as normally closed contact KA 1 Number of auxiliary contacts as normally open contact I 1 Number of auxiliary contacts as change-over contact I No Motor drive optional I No Motor drive integrated I No Voltage release optional I No Device construction I No Suitable for floor mounting I Yes Suitable for front mounting 4-hole No No Suitable for front mounting centre No No Suitable for front mounting centre No No Suitable for front mounting centre No No Suitable for intermediate mounting	Rated permanent current at AC-23, 400 V		Α	32
Rated short-time withstand current low Rated operation power at AC-23, 400 V RW 15 Switching power at 400 V Conditioned rated short-circuit current Iq Number of poles Number of pauxiliary contacts as normally closed contact Number of auxiliary contacts as normally closed contact Number of auxiliary contacts as normally popen contact Number of auxiliary contacts as change-over contact Motor drive integrated Voltage release optional Note of rive integrated Voltage release optional Suitable for front mounting Suitable for front mounting 4-hole Suitable for front mounting 4-hole Suitable for intermediate mounting 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 permanent current at AC-21, 400 V		Α	32
Rated operation power at AC-23, 400 V Switching power at 400 V Conditioned rated short-circuit current lq Number of poles 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 normally open contact Number of auxiliary contacts as change-over contact Number of auxiliary contacts as change-over contact Nord drive optional Motor drive integrated Noto drive integrated device in housing Noto drive in	Rated operation power at AC-3, 400 V		kW	13
Switching power at 400 V 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 change-over contact Number of auxiliary contacts as normally open contact Number of auxiliary contacts No No No No	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 change-over contact Number of auxiliary contacts as change-over contact Number of auxiliary contacts as change-over contact 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 centre Suitable for distribution board installation Suitable for intermediate mounting Colour control element Type of control element Type of control element Type of electrical connection of main circuit Degree of protection (IP), front side KA 80 3 3 1 1 1 1 1 1 1 1 1 1 1	Rated operation power at AC-23, 400 V		kW	15
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 Number of auxiliary contacts as change-over contact Notor drive optional Motor drive integrated No No No No No Complete device in housing Ves Suitable for floor mounting 4-hole Suitable for front mounting 4-hole Suitable for finnt mounting centre Suitable for first mounting centre Suitable for distribution board installation Suitable for distribution board installation Suitable for intermediate mounting Colour control element Type of control element Type of control element Type of electrical connection of main circuit Degree of protection (IP), front side 3 3 1 1 1 1 1 1 1 1 1 1 1	Switching power at 400 V		kW	15
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 Motor drive integrated No No Voltage release optional Device construction Suitable for floor mounting Suitable for floor mounting 4-hole Suitable for front mounting centre Suitable for firont mounting centre Suitable for distribution board installation Suitable for intermediate mounting Colour control element Type of control element Interlockable Type of control element Type of electrical connection of main circuit Degree of protection (IP), front side I 1 1 1 1 1 1 1 1 1 1 1 1 1 1	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 Motor drive integrated No Voltage release optional Device construction Suitable for floor mounting Suitable for front mounting 4-hole Suitable for front mounting centre Suitable for floot mounting centre No Suitable for firont mounting centre No Suitable for intermediate mounting Colour control element No Colour control element Type of control element Degree of protection (IP), front side I 1 No No No No No Suitable Operation of main circuit Degree of protection (IP), front side I 1 No No No No No Suitable Operation of main circuit No Suitable Operation (IP), front side I 1 No No No Suitable Operation of main circuit No Suitable Operation (IP), front side I 1 No No Suitable Operation (IP), front side I 1 No No Suitable Operation (IP), front side I 1 No No Suitable Operation (IP), front side I 1 No No Suitable Operation (IP), front side I 1 No No Suitable Operation (IP), front side I 1 No No Suitable Operation (IP), front side I 1 No No Suitable Operation (IP), front side I 1 No No No Suitable Operation (IP), front side I 1 No No No Suitable Operation (IP), front side I 1 No No No Suitable Operation (IP), front side I 1 No No Suitable Operation (IP), front side I 1 No No Suitable Operation (IP), front side I 1 No No Suitable Operation (IP), front side I 1 No No Suitable Operation (IP), front side I 1 No No Suitable Operation (IP), front side I 1 No Suitable Operation (IP), f	Number of poles			3
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 firont mounting centre No Suitable for distribution board installation Suitable for intermediate mounting Colour control element Type of control element Type of electrical connection of main circuit Degree of protection (IP), front side No No No Screw connection Degree of protection (IP), front side	Number of auxiliary contacts as normally closed contact			1.
Motor drive optional Motor drive integrated No 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 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	Number of auxiliary contacts as normally open contact			1.
Motor drive integrated No Voltage release optional No Device construction Complete device in housing Suitable for floor mounting Yes Suitable for front mounting 4-hole No Suitable for front mounting centre No Suitable for distribution board installation No Suitable for intermediate mounting No Colour control element Black Type of control element Door coupling rotary drive Interlockable Yes Type of electrical connection of main circuit Screw connection Degree of protection (IP), front side IP65	Number of auxiliary contacts as change-over contact			0
Voltage release optional No Device construction Complete device in housing Suitable for floor mounting Yes Suitable for front mounting 4-hole No Suitable for front mounting centre No Suitable for distribution board installation No Suitable for intermediate mounting No Colour control element Black Type of control element Door coupling rotary drive Interlockable Yes Type of electrical connection of main circuit Screw connection Degree of protection (IP), front side IP65	Motor drive optional			No
Device construction Complete device in housing Suitable for floor mounting Yes Suitable for front mounting 4-hole No Suitable for front mounting centre No 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 Complete device in housing Yes No Suitable for floor mounting No Do Suitable for front mounting entre No No Suitable for distribution board installation No Suitable for intermediate mounting No Colour control element Black Type of control element Serew connection Degree of protection (IP), front side	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 Suitable for intermediate mounting No Colour control element Supper of control element Door coupling rotary drive Interlockable Type of electrical connection of main circuit Degree of protection (IP), front side Yes Yes I P65	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 Door coupling rotary drive Yes Type of electrical connection of main circuit Degree of protection (IP), front side No No Screw connection IP65	Device construction			Complete device in housing
Suitable for front mounting centre No 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 Suitable for intermediate mounting No No Black Type of control element Sor coupling rotary drive Yes Type of electrical connection of main circuit Degree of protection (IP), front side	Suitable for floor mounting			Yes
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 Black Yes Yes Type of electrical connection of main circuit Degree of protection (IP), front side IP65	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 Type of electrical connection of main circuit Screw connection IP65	Suitable for front mounting centre			No
Colour control element Black Type of control element Door coupling rotary drive Interlockable Yes Type of electrical connection of main circuit Screw connection Degree of protection (IP), front side IP65	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	Interlockable			Yes
	Type of electrical connection of main circuit			Screw connection
Degree of protection (NEMA) 12	Degree of protection (IP), front side			IP65
	Degree of protection (NEMA)			12