Main switch, P1, 32 A, flush mounting, 3 pole, Emergency switching off function, With red rotary handle and yellow locking ring, Lockable in the 0 (Off) position \mathbf{r}



Part no. P1-32/EA/SVB

081438

EL Number 1456115

(Norway)

(Norway)	
General specifications	
Product name	Eaton Moeller® series P1 Main switch
Part no.	P1-32/EA/SVB
EAN	4015080814382
Product Length/Depth	120 millimetre
Product height	70 millimetre
Product width	49 millimetre
Product weight	0.192 kilogram
Certifications	VDE 0660 IEC/EN 60947-3 UL Category Control No.: NLRV CSA Class No.: 3211-05 IEC/EN 60204 CSA-C22.2 No. 60947-4-1-14 UL 60947-4-1 UL File No.: E36332 UL CSA CSA-C22.2 No. 94 CSA File No.: 012528 IEC/EN 60947 CE
Product Tradename	P1
Product Type	Main switch
Product Sub Type	None
Catalog Notes	Rated Short-time Withstand Current (Icw) for a time of 1 second
Features & Functions	
Features	Version as emergency stop installation Version as main switch Version as maintenance-/service switch
Fitted with:	Red rotary handle and yellow locking ring
Functions	Interlockable Emergency switching off function
Locking facility	Lockable in the 0 (Off) position
Number of poles	3
General information	
Accessories	Auxiliary contact or neutral conductor fitted by user.
Degree of protection	NEMA 1
Degree of protection (front side)	IP65
Lifespan, mechanical	300,000 Operations
Mounting method	Flush 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) Front mounting 4-hole
Suitable for Climatic environmental conditions	

Ambient operating temperature - max	50 °C
Ambient operating temperature - max Ambient operating temperature (enclosed) - min	-25 °C
Ambient operating temperature (enclosed) - max	40 °C
Climatic proofing Torminal conscision	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
Terminal capacities	4 10 10 10 10 10 10 10 10 10 10 10 10 10
Terminal capacity	1 x (1 - 4) mm², flexible with ferrules to DIN 46228 2 x (1 - 4) mm², flexible with ferrules to DIN 46228 14 - 8 AWG, solid or flexible with ferrule 2 x (1.5 - 6) mm², solid or stranded 1 x (1.5 - 6) mm², solid or stranded
Screw size	M4, Terminal screw
Tightening torque	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 (le) 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 (Ie) at AC-3, 500 V	23.4 A
Rated operational current (Ie) at AC-3, 660 V, 690 V	14.7 A
Rated operational current (le) at AC-21, 440 V	32 A
Rated operational current (Ie) 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 - min	690 V
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)	5 kA, SCCR (UL/CSA) 110A, max. Fuse, 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) 1.3 x l# (with intermittent operation class 12, 60 % duty factor) 1.6 x l# (with intermittent operation class 12, 40 % 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)	A600 (UL/CSA) P600 (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)	0
Number of auxiliary contacts (normally open contacts)	0
Actuator	
Actuator color	Red
Actuator type	Door coupling rotary drive
Design verification	
Equipment heat dissipation, current-dependent Pvid	0 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.
	provide near dissipation data for the devices.
10.11 Short-circuit rating	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.11 Short-circuit rating 10.12 Electromagnetic compatibility	Is the panel builder's responsibility. The specifications for the switchgear must be

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 notivo fine decision of the same of the version as a selection power at Service same of the version as a selection of the version of	[AKFUbUUT3])		
Version as safety switch Yes Version as servering switch Yes Version as servering switch Yes Mumber of switches Yes Max. rated operation voltage Ue AC Yes Rated operating voltage Yes Rated operating voltage Yes Rated operating voltage Ae Rated operating voltage Ae Rated permanent current at AC-22,400 Y Ae Rated operation power at AC-3,400 Y Ae Rated operation power at AC-3,400 Y Ae Rated operation power at AC-3,400 Y Ae Stated operation power at AC-3,400 Y Ae Subticibing of rated short-circuit current tq Ae Subticibing of rated short-circuit current tq Ae <	Version as main switch		Yes
Version as emergency stop installation Yes No Version as reversing switch No 1 Number of switches V 890 Nate operation voltage Ue AC V 890-890 Rated operating voltage V 890-890 Rated permanent current at AC-23,400 V A 3 Rated operation power at AC-3,400 V AW 3 Rated short-time withstand current tow WW 15 Rated short-time withstand current tow WW 15 Rated short-time withstand current qualled short-crout current q WW 15 Voluntianed rated short-crout current q WW 15 Number of poles 3 3 Number of suxiliary contacts as normally closed contact WW 15 Number of suxiliary contacts as normally copen contact WW 10 Number of suxiliary contacts as normally copen contact WW 10 Number of suxiliary contacts as change-over contact WW 10 Notation drive optional WW 10 Motor drive optional WW 10 <td>Version as maintenance-/service switch</td> <td></td> <td>Yes</td>	Version as maintenance-/service switch		Yes
Vorsion as reversing switch I Number of switches 1 Max. rated operation voltage Ue AC V 690 Rated operation voltage V 690 Rated operating voltage V 360 Rated operating voltage A 32 Rated permanent current at AC-23, 400 V A 32 Rated operation power at AC-23, 400 V A 34 Rated operation power at AC-23, 400 V AW 15 Rated short-time withstand current low AW 15 Rated operation power at AC-23, 400 V AW 15 Switching power at 400 V AW 15 Conditional rated short-circuit current lq AW 80 Number of auxillary contacts as normally closed contact B A Number of auxillary contacts as change-over contact B A Notor Give optional B A B Notor Give optional B B B Notate of row integrated B B B Voltage release optional B B <td>Version as safety switch</td> <td></td> <td>No</td>	Version as safety switch		No
Number of switches 1 Max. rated operation voltage V 690 Rated operation voltage V 690 Rated operation voltage V 690 Rated operation voltage V 890 Rated operation voltage V 890 Rated operation voltage V 3 2 Rated operation and Location (Location of AC23, 400 V) A 3 2 Rated operation power at AC23, 400 V A 3 3 Rated operation power at AC23, 400 V A 4 9 Rated operation power at AC23, 400 V A 3 9 Switching power at 400 V A 3 9 Conditioned rated short-circuit current lq A 3 9 Number of power at 400 V A 3 9 Number of auxiliary contacts as normally open contact C 0 Number of auxiliary contacts as change-over contact N N Number of auxiliary contacts as change-over contact N N Voltage release optional	Version as emergency stop installation		Yes
Max. rated operating voltage V 690 - 890 Rated operating voltage V 690 - 890 Rated permanent current tu A 32 Rated permanent current at AC-23, 400 V A 32 Rated operation power at AC-3, 400 V KW 13 Rated short-time withstand current lcw KW 16 Rated short-time withstand current lcw KW 15 Rated permanent current law conditioned rated short-time withstand current lcw KW 10 Rated short-time withstand current lcw KW 10 Nouther of a wilding contacts as normally closed contact KW 10 Number of auxiliary contacts as normally closed contact No No Number of auxiliary contacts as change-over contact No No Motor drive integrated No No Voltage release optional No No Suitable for front mounting senter <td>Version as reversing switch</td> <td></td> <td>No</td>	Version as reversing switch		No
Rated operating voltage V 890-890 Rated permanent current Iu A 3 Rated permanent current at AC-23, 400 V A 3 Rated operation power at AC-3, 400 V A 3 Rated short-ine withstand current Low A 0 Rated short-ine withstand current Icw A 0 Switching power at AC-23, 400 V A 0 Switching power at 400 V A 0 Switching power at 400 V A 0 Number of awaiting contacts as normally closed contact A 0 Number of awaiting contacts as change-over contact B 0 0 Motor dr	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-24, 400 V AV 32 Rated operation power at AC-3, 400 V kW 13 Rated short-time withstand current lew kW 15 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 y 3 Number of auxiliary contacts as normally closed contact y 0 Number of auxiliary contacts as change-over contact y 0 Motor drive optional y 0 Motor drive integrated y No Voltage release optional y No Device construction y Built-in device fixed built-in technique Suitable for floor mounting y No Suitable for front mounting dentre y No Suitable for front mounting dentre y No Suitable for front mounting centr	Max. rated operation voltage Ue AC	V	690
Rated permanent current at AC-23, 400 V A 32 Rated operation power at AC-3, 400 V kW 13 Rated operation power at AC-23, 400 V kW 16 Rated short-time withstand current low kW 15 Rated permanent current at Machana Current low kW 15 Rated permanent current low withstand current low kW 15 Conditioned rated short-circuit current low kW 15 Conditioned rated short-circuit current low kW 80 Number of poles 3 3 Number of auxiliary contacts as normally closed contact 0 3 Number of auxiliary contacts as change-over contact 0 0 Motor drive optional No No Motor drive integrated No No Voltage release optional No No Suitable for floor mounting Yes Suitable for front mounting centre Yes Suitable for front mounting centre No No Suitable for firent mounting centre No No Suitable for firent mounting centre	Rated operating voltage	V	690 - 690
Rated parmanent current at AC-21, 400 V A 32 Rated operation power at AC-3, 400 V kW 13 Rated short-time withstand current low kA 0.64 Rated short-time withstand current low kW 15 Switching power at 400 V kW 15 Conditioned rated short-circuit current lq kA 80 Number of poles 3 3 Number of auxiliary contacts as normally open contact 0 3 Number of auxiliary contacts as change-over contact 0 0 Motor drive optional No No Motor drive integrated No No Voltage release optional No No Device construction Built-in device fixed built-in technique Suitable for floor mounting Yes Suitable for from mounting 4-hole Yes Suitable for from mounting entire No Suitable for finer mounting contre No Suitable for finer mounting openire No Suitable for finer mounting contre No Suitable for finer mounting contre	Rated permanent current lu	Α	32
Rated operation power at AC-3, 400 V kW 13 Rated short-time withstand current lew 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 3 3 Number of poles 0 0 Number of auxiliary contacts as normally open contact 0 0 Number of auxiliary contacts as change-over contact 0 0 Motor drive integrated 0 0 Voltage release optional No 0 Device construction Will indevice fixed built-in technique Suitable for from mounting 0 0 Suitable for from thourting 4-hole Yes 0 Suitable for from thourting 1 No 0 Suitable for from thourting 2 No 0 Suitable for from thourting 2 No 0 Suitable for from thourting 2 No 0 Suitable for first mounting 2 No 0	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 Routching power at 400 V ROUTCHING POWER	Rated permanent current at AC-21, 400 V	Α	32
Rated operation power at AC-23, 400 V	Rated operation power at AC-3, 400 V	kW	13
Switching power at 400 V kW 15 Conditioned rated short-circuit current Iq kA 80 Number of poles 3 3 Number of auxiliary contacts as normally closed contact 0 0 Number of auxiliary contacts as normally open contact 0 0 Mumber of auxiliary contacts as change-over contact 0 0 Motor drive optional No 0 Motor drive integrated No 0 Voltage release optional No 0 Device construction Built-in device fixed built-in technique Suitable for floor mounting No 0 Suitable for front mounting 4-hole Yes No Suitable for distribution board installation No 0 Suitable for intermediate mounting No 0 Colour control element No 0 Type of control element No 0 Interlockable Yes 0 Type of electrical connection of main circuit Yes 0 Type of electrical connection of main circuit Yes<	Rated short-time withstand current lcw	kA	0.64
Conditioned rated short-circuit current Iq kA 80 Number of poles 3 3 Number of auxiliary contacts as normally closed contact 0 0 Number of auxiliary contacts as normally open contact 0 0 Mumber of auxiliary contacts as change-over contact 0 0 Motor drive optional No 0 Motor drive integrated No No Voltage release optional No No Device construction No No Suitable for floor mounting No No Suitable for front mounting 4-hole Yes No Suitable for distribution board installation No No Suitable for distribution board installation No No Suitable for intermediate mounting No Red Colour control element Poor coupling rotary drive Interlockable Yes Type of electrical connection of main circuit Yes Degree of protection (IP), front side Yes	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 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 No No No No Suitable for floor mounting Suitable for floor mounting 4-hole Suitable for front mounting entre 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 I P65	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 No Motor drive optional No No Voltage release optional No Device construction Suitable for floor mounting Suitable for floor mounting Suitable for fnort mounting 4-hole Suitable for fnort mounting oentre Suitable for front mounting oentre Suitable for distribution board installation Suitable for distribution board installation Suitable for intermediate mounting Colour control element Type of control element Type of centrol element Degree of protection (IP), front side No Screw connection Screw connection Degree of protection (IP), front side	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 No No No Device construction Suitable for floor mounting Suitable for floor mounting 4-hole Suitable for floor mounting entre Suitable for floot mounting centre Suitable for floot mounting 4-hole Yes Colour control element Type of control element Type of electrical connection of main circuit Degree of protection (IP), front side No Screw connection Floos Floor Screw connection Floor F	Number of poles		3
Number of auxiliary contacts as change-over contact Motor 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 front mounting centre Suitable for front mounting centre Suitable for fortn mounting centre Suitable for distribution board installation Suitable for intermediate mounting No Suitable	Number of auxiliary contacts as normally closed contact		0
Motor drive optional Motor drive integrated 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 Suitable for front mounting centre Suitable for intermediate mounting Suitable for intermediate mounting Colour control element Type of control element Type of electrical connection of main circuit Degree of protection (IP), front side	Number of auxiliary contacts as normally open contact		0
Motor drive integratedNoVoltage release optionalNoDevice constructionBuilt-in device fixed built-in techniqueSuitable for floor mountingNoSuitable for front mounting 4-holeYesSuitable for front mounting centreNoSuitable for distribution board installationNoSuitable for intermediate mountingNoColour control elementRedType of control elementDoor coupling rotary driveInterlockableYesType of electrical connection of main circuitScrew connectionDegree of protection (IP), front sideIP65	Number of auxiliary contacts as change-over contact		0
Voltage release optional No Device construction Built-in device fixed built-in technique Suitable for floor mounting No Suitable for front mounting 4-hole Yes Suitable for front mounting centre No Suitable for distribution board installation No Suitable for intermediate mounting No Colour control element Red 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 Suitable for floor mounting Suitable for front mounting 4-hole Suitable for front mounting centre Suitable for front mounting centre 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 Built-in device fixed built-in technique No Red Yes Suitable for fixed built-in technique No Red Oor coupling rotary drive Yes Screw connection IP65	Motor drive integrated		No
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 Interlockable Type of electrical connection of main circuit Degree of protection (IP), front side No No No Red Door coupling rotary drive Screw connection FP65	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 Yes Yes Yes Yes Yes Yes Yes IP65	Device construction		Built-in device fixed built-in technique
Suitable for front mounting centre 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 Red Poor coupling rotary drive Yes Screw connection IP65	Suitable for floor mounting		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 Red Red Yes Yes Type of control element Screw connection IP65	Suitable for front mounting 4-hole		Yes
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 Red Door coupling rotary drive Yes Screw connection IP65	Suitable for front mounting centre		No
Colour control element Type of control element Interlockable Type of electrical connection of main circuit Degree of protection (IP), front side Red Poor coupling rotary drive Yes Screw connection 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		Red
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) 1	Degree of protection (IP), front side		IP65
	Degree of protection (NEMA)		1