Main switch, T0, 20 A, flush mounting, 2 contact unit(s), 3 pole, STOP function, With black rotary handle and locking ring, Lockable in the 0 (Off) position



Part no. T0-2-1/EA/SVB-SW 041246

General specifications	
Product name	Eaton Moeller® series TO Main switch
Part no.	T0-2-1/EA/SVB-SW
EAN	4015080412465
Product Length/Depth	111 millimetre
Product height	74 millimetre
Product width	65 millimetre
Product weight	0.142 kilogram
Certifications	UL 60947-4-1 CE VDE 0660 CSA File No.: 012528 CSA-C22.2 No. 94 IEC/EN 60947 CSA Class No.: 3211-05 CSA UL CSA-C22.2 No. 60947-4-1-14 IEC/EN 60204 IEC/EN 60204 IEC/EN 60204 IEC/EN 60947-3 UL Category Control No.: NLRV UL File No.: E36332 UL CSA
Product Tradename	ТО
Product Type	Main switch
Product Sub Type	None
Catalog Notes	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	
Degree of protection	NEMA 12
Degree of protection (front side)	IP65
Lifespan, mechanical	400,000 Operations
Mounting method	Flush mounting
Mounting position	As required
Number of contact units	2
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 center
Switching angle	90 °
limatic environmental conditions	

Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	50 °C
Ambient operating temperature (enclosed) - min	-25 °C
Ambient operating temperature (enclosed) - max	40 °C
Climatic proofing Ferminal capacities	Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Terminal capacity	2 x (1 - 2.5) mm², solid or stranded 1 x (0.75 - 2.5) mm², flexible with ferrules to DIN 46228 18 - 14 AWG, solid or flexible with ferrule 1 x (1 - 2.5) mm², solid or stranded 2 x (0.75 - 2.5) mm², flexible with ferrules to DIN 46228
Screw size	M3.5, Terminal screw
Tightening torque	1 Nm, Screw terminals
Place that we have	8.8 lb-in, Screw terminals
Electrical rating	
Rated breaking capacity at 220/230 V (cos phi to IEC 60947-3)	100 A
Rated breaking capacity at 400/415 V (cos phi to IEC 60947-3)	110 A
Rated breaking capacity at 500 V (cos phi to IEC 60947-3)	80 A
Rated breaking capacity at 660/690 V (cos phi to IEC 60947-3)	60 A
Rated operational current (le) at AC-3, 220 V, 230 V, 240 V	11.5 A
Rated operational current (le) at AC-3, 380 V, 400 V, 415 V	11.5 A
Rated operational current (le) at AC-3, 500 V	9 A
Rated operational current (le) at AC-3, 660 V, 690 V	4.9 A
Rated operational current (le) at AC-21, 440 V	20 A
Rated operational current (le) at AC-23A, 230 V	13.3 A
Rated operational current (le) at AC-23A, 400 V, 415 V	13.3 A
Rated operational current (le) at AC-23A, 500 V	13.3 A
Rated operational current (le) at AC-23A, 690 V	7.6 A
Rated operational current (le) at DC-1, load-break switches l/r = 1 ms	10 A
Rated operational current (le) at DC-13, control switches L/R = 50 ms	10 A
Rated operational current (Ie) at DC-21, 240 V	1A
Rated operational current (Ie) at DC-23A, 24 V	10 A
Rated operational current (Ie) at DC-23A, 48 V	10 A
Rated operational current (Ie) at DC-23A, 60 V	10 A
Rated operational current (Ie) at DC-23A, 120 V	5 A
Rated operational current (Ie) at DC-23A, 240 V	5 A
Rated operational current (Ie) star-delta at AC-3, 220/230 V	20 A
Rated operational current (Ie) star-delta at AC-3, 380/400 V	20 A
Rated operational current (le) star-delta at AC-3, 500 V	15.6 A
Rated operational current (Ie) star-delta at AC-3, 690 V	8.5 A
Rated operational power at AC-3, 380/400 V, 50 Hz	5.5 kW
Rated operational power at AC-3, 415 V, 50 Hz	5.5 kW
Rated operational power at AC-3, 500 V, 50 Hz	5.5 kW
Rated operational power at AC -3, 690 V, 50 Hz	4 kW
Rated operational power at AC-23A, 220/230 V, 50 Hz	3 kW
Rated operational power at AC-23A, 400 V, 50 Hz	5.5 kW
Rated operational power at AC-23A, 500 V, 50 Hz	7.5 kW
Rated operational power at AC-23A, 690 V, 50 Hz	5.5 kW
Rated operational power star-delta at 220/230 V, 50 Hz	5.5 kW
Rated operational power star-delta at 380/400 V, 50 Hz	7.5 kW
Rated operational power star-delta at 500 V, 50 Hz	7.5 kW
Rated operational power star-delta at 690 V, 50 Hz	5.5 kW
Rated operational voltage (Ue) at AC - max	690 V
Rated uninterrupted current (Iu)	20 A
Uninterrupted current Short-circuit rating	Rated uninterrupted current lu is specified for max. cross-section.

Rated conditional short-circuit current (Iq)	6 kA
Rated short-time withstand current (Icw)	0.32 kA
Short-circuit current rating (basic rating)	320 A, Contacts, 1 second 5 kA, SCCR (UL/CSA)
Shore-chedic current rading (basic rading)	50A, max. Fuse, SCCR (UL/CSA)
Short-circuit current rating (high fault)	10 kA, SCCR (UL/CSA) 20 A, Class J, max. Fuse, SCCR (UL/CSA)
Short-circuit protection rating	20 A gG/gL, Fuse, Contacts
Switching capacity	
Load rating	1.6 x l# (with intermittent operation class 12, 40 % duty factor) 2 x l# (with intermittent operation class 12, 25 % duty factor) 1.3 x l# (with intermittent operation class 12, 60 % duty factor)
Number of contacts in series at DC-21A, 240 V	1
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	3
Number of contacts in series at DC-23A, 120 V	3
Number of contacts in series at DC-23A, 240 V	5
Switching capacity (main contacts, general use)	16 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) P300 (UL/CSA)
Rated making capacity up to 690 V (cos phi to IEC/EN 60947-3)	130 A
Voltage per contact pair in series	60 V
Motor rating	
Assigned motor power at 115/120 V, 60 Hz, 1-phase	0.5 HP
Assigned motor power at 200/208 V, 60 Hz, 1-phase	1 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	1.5 HP
Assigned motor power at 230/240 V, 60 Hz, 3-phase	3 HP
Assigned motor power at 460/480 V, 60 Hz, 3-phase	7.5 HP
Assigned motor power at 575/600 V, 60 Hz, 3-phase	7.5 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	Black
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	0.6 W
Rated operational current for specified heat dissipation (In)	20 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

Technical data ETIM 9.0

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

Electric engineering, automation, process control engineering / Low-voltage switch technology / Off-load switch, circuit breaker, control switch / Switch disconnector (ecl@ss13-27-37-14-03 [AKF060018])

Version as main workinh (**) Yes Version as a main tenance/service switch (**) No Version as a meregency stop installation (**) No Version as a servering switch (**) No Number of switching switch (**) No Number of switching switch (**) 10 Number of switching switch (**) 0 Number of switching switch (**) 0 Rated permanent current at AC-24, 400 V (**) 0 Rated permanent current at AC-23, 400 V (**) 2 Rated operation power at AC-3, 400 V (**) 3 Rated operation power at AC-23, 400 V (**) 3 Rated operation power at AC-24, 400 V (**) 3 Return of privation power at AC-23, 400 V (**) 3 Return of privation power at AC-24, 400 V (**) 3 Number of a swilling power at AC-25, 400 V (**) 4 Number of a swilling power at AC-24, 400 V (**) 4 Number of a swilling power at AC-24, 400 V (**) 4	[ANI 000010])		
Version as sufety switch No Version as reversing switch No Version as reversing switch No Max. rated operation voltage 1 Max. rated operation voltage Ue AC V 80 Risted operation voltage V 80 Risted operation power at AC-23, 400 V A 80 Risted operation power at AC-23, 400 V S 5 Solutioned rated shot vicule turent lq X 80 Conditioned rated shot vicule turent lq X 80 Number of auxiliary contacts as normally open contact X 80 Number of auxiliary contacts as normally open contact X 80 <td>Version as main switch</td> <td></td> <td>Yes</td>	Version as main switch		Yes
Version as emergency stop installation No Version as reversing switch No Number of switches V Rated operating voltage V Rated operating voltage V Rated operating voltage V Rated permanent current u A Rated permanent current at AC-24,400 V A Rated permanent current at AC-3,400 V A Rated operation power at AC-3,400 V A Rated operation power at AC-3,400 V A Rated operation power at AC-3,400 V A Switching power at AC-3,400 V B Wind of poles B Number of poles B Number of poles B Number of poles B Motor of rive appeal B Motor of rive popula B Motor of rive integrated B Switable for forn mounting earth B Switable for forn mounting earth	Version as maintenance-/service switch		Yes
Variation as reversing switch No Number of switches 1 Max. rated operation voltage Ue AC V Rated operating voltage A Rated operating power at AC-2, 400 V A Rated operating power at AC-2, 400 V RA Rated operating power at AC-2, 400 V RA Route of power at AC-2, 400 V RA Number of power at AC-2,	Version as safety switch		No
Number of switches I 10 Max. ractd operation voltage V 690 Rated operating voltage V 690 Rated permanent current ur A 20 Rated permanent current at AC-23, 400 V A 20 Rated permanent current at AC-23, 400 V A 30 Rated operation power at AC-3, 400 V RA 55 Rated operation power at AC-3, 400 V RA 55 Rated operation power at AC-23, 400 V RA 55 Switching power at 400 V RA 55 Switching power at 400 V RA 6 Condition of atod short-circuit current lq RA 6 Number of power at AC-23, 400 V RA 6 Number of power at 400 V RA 6 Number of power at 400 V RA 6 Number of power at 400 V RA 6 Number of auxiliary contacts as normally closed contact RA 6 Number of auxiliary contacts as change-over contact N N Notor of inviting patient N N	Version as emergency stop installation		No
Max. ratud operation voltage Uo AC V 690 Rated operating voltage V 690 690 Rated operament current ur current ur current ur current ur AC-23, 400 V A 20 Rated operament current ar AC-21, 400 V A 30 Rated operation power at AC-3, 400 V A 32 Rated operation power at AC-23, 400 V KW 55 Rated short-time withstand current tow KW 55 Rated operation power at AC-24, 400 V KW 55 Conditioned rated short-circuit current Iq KW 55 Novitching power at 400 V KW 55 Conditioned rated short-circuit current Iq KW 5 Number of auxiliary contacts as normally closed contact KW 6 Number of auxiliary contacts as change-over contact CW 0 Motor drive sintegrated W No Motor drive sintegrated No No Voltage release optional W No Suitable for from mounting 4-hole No No Suitable for front mounting entre No	Version as reversing switch		No
Rated operaing voltage V 690-690 Rated permanent current at AC-23, 400 V A 20 Rated operanent current at AC-23, 400 V A 20 Rated operanent current at AC-23, 400 V AW 5.5 Rated permanent current at AC-23, 400 V KW 5.5 Rated peranen power at AC-23, 400 V KW 5.5 Rated short-time withstand current low KW 5.5 Rated short-time withstand current low KW 5.5 Switching power at 400 V KW 5.5 Switching power at 400 V KW 5.5 Conditioned rated short-circuit current lq KW 5.5 Number of poles W 3 3 Number of suxiliary contacts as normally closed contact W 0 0 Number of suxiliary contacts as normally closed contact W 0 0 Motor drive integrated W 0 0 Motor drive integrated W N N Voltage release optional W N N Suitable for four mounting 4-h	Number of switches		1
Rated permanent current at AC-23, 400 V A Part comment current at AC-23, 400 V Rated permanent current at AC-23, 400 V A 20 Rated permanent current at AC-23, 400 V B A 20 Rated permanent current at AC-24, 400 V B B 32 Rated short-incrivation during to power at AC-23, 400 V W 5.5 Switching power at 400 V W 5.5 Conditioned rated short-circuit current lq L A 6 Number of poles L B 3 2 Number of poles L B 3 3 4 6 4 4 6	Max. rated operation voltage Ue AC	V	690
Rated permanent current at AC-23, 400 V A 20 Rated permanent current at AC-21, 400 V KW 5.5 Rated short-time withstand current Icw KW 5.5 Rated short-time withstand current Icw KW 5.5 Switching power at 400 V KW 5.5 Conditioned rated short-circuit current Iq KW 6 Number of poles KW 6 Number of auxiliary contacts as normally closed contact W 0 Number of auxiliary contacts as normally open contact W 0 Number of auxiliary contacts as schange-over contact W No Motor drive integrated W No Voltage release optional W No Notage release optional W No Suitable for floor mounting W No Suitable for floor mounting cante W No Suitable for intermediate	Rated operating voltage	V	690 - 690
Rated permanent current at AC-21, 400 V A 20 Rated operation power at AC-3, 400 V W 5.5 Rated short-time withstand current lew A 0.22 Rated perpation power at AC-23, 400 V W 5.5 Switching power at 400 V W 5.5 Conditioned rated short-circuit current lq A 6 Number of poles C 3 3 Number of auxiliary contacts as normally closed contact C 0 0 Number of auxiliary contacts as change-over contact C 0 0 Motor drive integrated C 0 0 Motor drive integrated C 0 0 Voltage release optional C 0 0 Suitable for from mounting C 0 0 Suitable for from mounting - hele C 0 0 Suitable for from mounting - hele C 0 0 Suitable for intermediate mounting C 0 0 Suitable for intermediate mounting C 0 0<	Rated permanent current lu	Α	20
Rated operation power at AC-3, 400 V kW 5.5 Rated short-time withstand current lcw kW 5.5 Switching power at 400 V kW 5.5 Conditioned rated short-circit current lq kA 6 Number of poles kW 5 Number of suxiliary contacts as normally closed contact 0 0 Number of auxiliary contacts as change-over contact 0 0 Motor drive integrated 0 No Motor drive integrated 0 No Voltage release optional No No Device construction 0 No Suitable for floor mounting 0 No Suitable for floor mounting centre 0 No Suitable for floor mounting centre 0 No Suitable for finat mounting centre 0 No Suitable for intermediate mounting 0 No Suitable for intermediate mounting 0 No Color control element 0 No Type of electrical connection of main circuit 0 No<	Rated permanent current at AC-23, 400 V	Α	
Rated short-time withstand current lew kA 0.32 Rated operation power at AC-23, 400 V WW 5.5 Switching power at 400 V WW 5.5 Conditioned rated short-circuit current lq KA 6 Number of poles CA 6 Number of poles CA 3 Number of auxiliary contacts as normally closed contact CA 0 Number of auxiliary contacts as change-over contact CA 0 Motor drive optional CA No 0 Motor drive integrated CA No 0 Voltage release optional CA No 0 Device construction CA No 0 Suitable for floor mounting CA No 0 Suitable for floor mounting 4-hole No No Suitable for intermediate mounting CA No Suitable for intermediate mounting CA No Colour control element CA Description (not mounting for the mounting for intermediate mounting CA No C	Rated permanent current at AC-21, 400 V	Α	20
Rated operation power at AC-23, 400 V 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 change-over contact No No No No No No No No No Suitable for floor mounting Suitable for front mounting 4-hole Suitable for front mounting centre Suitable for intermediate mounting Colour control element Type of control element Type of control element With pre-assembled cabling No Server connection (NEMA) No Server connection (NEMA)	Rated operation power at AC-3, 400 V	kW	5.5
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 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 optional Notor drive integrated int	Rated short-time withstand current lcw	kA	0.32
Conditioned rated short-circuit current Iq kA 6 Number of poles 3 3 Number of auxiliary contacts as normally closed contact 6 0 Number of auxiliary contacts as normally open contact 9 0 Number of auxiliary contacts as change-over contact 9 10 Motor drive optional 10 No Motor drive integrated 10 No Voltage release optional 10 No Device construction 10 No Suitable for floor mounting 10 No Suitable for front mounting 4-hole 10 No Suitable for front mounting 4-hole 10 No Suitable for intermediate mounting 10 No Suitable for distribution board installation 10 No Suitable for intermediate mounting 10 No Colour control element 10 No Type of control element 10 Door coupling rotary drive Interlockable 10 Screw connection Type of electrical connection of main circuit 10 No With pre-assembled cablin	Rated operation power at AC-23, 400 V	kW	5.5
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 of No N	Switching power at 400 V	kW	5.5
Number of auxiliary contacts as normally closed contact Number of auxiliary contacts as normally open contact Number of auxiliary contacts as change-over contact No Motor drive optional No No No Device construction Suitable for floor mounting Suitable for floor mounting 4-hole Suitable for front mounting entre 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 With pre-assembled cabling Degree of protection (IP), front side Degree of protection (NEMA)	Conditioned rated short-circuit current Iq	kA	6
Number of auxiliary contacts as normally open contact Number of auxiliary contacts as change-over contact Number of auxiliary contacts as change-over contact Motor drive optional Motor drive integrated No No Voltage release optional No Device construction Suitable for floor mounting Suitable for floor mounting 4-hole Suitable for front mounting centre Suitable for front 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 With pre-assembled cabling Degree of protection (IPP, front side Degree of protection (NEMA)	Number of poles		3
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 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 With pre-assembled cabling Degree of protection (NEMA) Degree of protection (NEMA)	Number of auxiliary contacts as normally closed contact		0
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 Suitable for front mounting centre Suitable for firont mounting centre Suitable for intermediate mounting Suitable for intermediate mounting Colour control element Type of control element Interlockable Type of electrical connection of main circuit With pre-assembled cabling Degree of protection (IP), front side Degree of protection (NEMA) No No No Suitable (Ne N	Number of auxiliary contacts as normally open contact		0
Motor drive integrated No Voltage release optional No Device construction Built-in device fixed built-in technique Suitable for floor mounting No Suitable for front mounting 4-hole No Suitable for front mounting centre Yes 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 With pre-assembled cabling No Degree of protection (IP), front side IP65 Degree of protection (NEMA) 12	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 No Suitable for front mounting centre Yes 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 With pre-assembled cabling No Degree of protection (IP), front side IP65 Degree of protection (NEMA) 12	Motor drive optional		No
Device construction Suitable for floor mounting Suitable for floor mounting Suitable for front mounting 4-hole Suitable for front mounting centre Suitable for distribution board installation Suitable for intermediate mounting Suitable for distribution board installation Suitable for distribution board installation Suitable for distribution board installation Suitable for front mounting centre Suitable for fore to mounting centre Suitable for fore fore to mounting centre Suitable for fore fore fore fore fore fore fore	Motor drive integrated		No
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 Suitable for intermediate mounting Suitable for intermediate mounting Suitable for intermediate mounting No Degree of protection of minimal circuit Screw connection No Degree of protection (IP), front side Degree of protection (NEMA) 12	Voltage release optional		No
Suitable for front mounting 4-hole Suitable for front mounting centre Yes 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 With pre-assembled cabling No Degree of protection (IP), front side Degree of protection (NEMA) No	Device construction		Built-in device fixed built-in technique
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 With pre-assembled cabling Degree of protection (IP), front side Degree of protection (NEMA) Yes Yes Type of electrical connection (NEMA)	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 With pre-assembled cabling Degree of protection (IP), front side Degree of protection (NEMA) No No No Reference No Population No 12	Suitable for front mounting 4-hole		No
Suitable for intermediate mounting Colour control element Type of control element Interlockable Type of electrical connection of main circuit With pre-assembled cabling Degree of protection (IP), front side Degree of protection (NEMA) No No 12	Suitable for front mounting centre		Yes
Colour control element Type of control element Interlockable Type of electrical connection of main circuit With pre-assembled cabling Degree of protection (IP), front side Degree of protection (NEMA) Black Yes Yes Yes Screw connection No IP65	Suitable for distribution board installation		No
Type of control element Interlockable Type of electrical connection of main circuit With pre-assembled cabling Degree of protection (IP), front side Degree of protection (NEMA) Door coupling rotary drive Yes Screw connection Screw connection No IP65 I2	Suitable for intermediate mounting		No
Interlockable Yes Type of electrical connection of main circuit Screw connection With pre-assembled cabling No Degree of protection (IP), front side IP65 Degree of protection (NEMA) 12	Colour control element		Black
Type of electrical connection of main circuit With pre-assembled cabling Degree of protection (IP), front side Degree of protection (NEMA) Screw connection No IP65 12	Type of control element		Door coupling rotary drive
With pre-assembled cabling No Degree of protection (IP), front side IP65 Degree of protection (NEMA) 12	Interlockable		Yes
Degree of protection (IP), front side IP65 Degree of protection (NEMA) 12	Type of electrical connection of main circuit		Screw connection
Degree of protection (NEMA) 12	With pre-assembled cabling		No
	Degree of protection (IP), front side		IP65
Width mm 65	Degree of protection (NEMA)		12
	Width	mm	65

Height	mm	74
Depth	mm	111
Width in number of modular spacings		