## DATASHEET - T0-2-1/I1/SVA(S)

Panic switches, T0, 20 A, surface mounting, 3 pole, with black thumb grip and front plate, Cylinder lock SVA



Part no.

T0-2-1/I1/SVA(S) 207084

Mounting position Number of contact units	As required 2
-	
Mounting method	Surface mounting
Lifespan, mechanical	400,000 Operations
Degree of protection (front side)	IP65
Degree of protection	NEMA 12
Accessories	2 keys included with supplied equipment.
General information	
Number of poles	3
Locking mechanism	Cylinder lock SVA
Locking facility	Lockable in the 0 (Off) position (cover interlock)
Inscription	0-1
Functions	Interlockable
Fitted with:	Black thumb grip and front plate
	Dial shumb with and fact state
Features & Functions	
	without the key. Rated Short-time Withstand Current (Icw) for a time of 1 second
Catalog Notes	If the key is withdrawn in position 1 the switch can be switched off but not on agai
Product Sub Type	None
Product Type	Panic switch
Product Tradename	T0
Certifications	IEC/EN 60204 IEC/EN 60947 VDE 0660
Product weight	0.396 kilogram
Product width	80 millimetre
Product height	102 millimetre
Product Length/Depth	137 millimetre
EAN	4015082070847
Part no.	T0-2-1/I1/SVA(S)
Product name	Eaton Moeller® series TO Panic switch

Terminal capacities		
Terminal capacity	$2 \times (0.75 - 2.5) \text{ mm}^2$ , flexible with ferrules to DIN 46228	
	2 x (1 - 2.5) mm², solid or stranded 1 x (1 - 2.5) mm², solid or stranded 1 x (0.75 - 2.5) mm², flexible with ferrules to DIN 46228	
Screw size	M3.5, Terminal screw	
Tightening torque	8.8 lb-in, Screw terminals	
	1 Nm, 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 (Ie) at AC-3, 220 V, 230 V, 240 V	11.5 A	
Rated operational current (Ie) at AC-3, 380 V, 400 V, 415 V	11.5 A	
Rated operational current (Ie) at AC-3, 500 V	9 A	
Rated operational current (Ie) at AC-3, 660 V, 690 V	4.9 A	
Rated operational current (Ie) at AC-21, 440 V	20 A	
Rated operational current (Ie) at AC-23A, 230 V	13.3 A	
Rated operational current (Ie) at AC-23A, 400 V, 415 V	13.3 A	
Rated operational current (Ie) at AC-23A, 500 V	13.3 A	
Rated operational current (Ie) at AC-23A, 690 V	7.6 A	
Rated operational current (Ie) at DC-1, load-break switches I/r = 1 ms	10 A	
Rated operational current (Ie) at DC-13, control switches L/R = 50 ms	10 A	
Rated operational current (Ie) at DC-21, 240 V	1 A	
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 (Ie) 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	Rated uninterrupted current lu is specified for max. cross-section.	
Short-circuit rating		
Rated conditional short-circuit current (Ig)	6 kA	
Rated short-time withstand current (Icw)	0.32 kA	
	320 A, Contacts, 1 second	
Short-circuit protection rating	20 A gG/gL, Fuse, Contacts	
Switching capacity		
Load rating	2 x I# (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-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
Rated making capacity up to 690 V (cos phi to IEC/EN 60947-3)	130 A
Voltage per contact pair in series	60 V
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 function	Maintained
Actuator type	Short thumb-grip
Design verification	
Equipment heat dissipation, current-dependent Pvid	0.6 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 leaflet (IL) is observed.

## **Technical data ETIM 9.0**

Version as maintenance-/service switch

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 switch	No	

No

Version a serversing witchNember displicationNember			
Variation is reverting which         Nome of which is a strated aparation voltage Ua AG         Nome of which is a strated aparation voltage Ua AG         Nome of which is a strated aparation voltage Ua AG         Nome of which is a strated aparation voltage Ua AG         Nome of which is a strated aparation voltage Ua AG         Nome of which is a strated aparation voltage Ua AG         Nome of which is a strated aparation voltage Ua AG         Nome of which is a strate AG<	Version as safety switch		No
Number of switches         Index rate operation voltage Ue AC         Index rate operation voltage Ue AC         Index rate operation voltage Ue AC           Rate operation voltage Ue AC         Index rate operation voltage Ue AC         Index rate operation voltage Ue AC           Rate operation voltage Ue AC         Index rate operation voltage Ue AC         Index rate operation voltage Ue AC           Rate operation voltage Ue AC         Index rate operation voltage Ue AC         Index rate operation voltage Ue AC           Rate operation voltage Ue AC         Index rate operation voltage Ue AC         Index rate operation voltage Ue AC           Rate operation power at AC-22, 400 V         Index rate operation voltage Ue AC         Index rate operation voltage Ue AC           Rate operation power at AC-22, 400 V         Index rate operation voltage Ue AC         Index rate operation voltage Ue AC           Sutche operation power at AC-22, 400 V         Index rate operation voltage Ue AC         Index rate operation voltage Ue AC           Sutche operation power at AC-22, 400 V         Index rate operation voltage Ue AC         Index rate operation voltage Ue AC           Number of audimity contacts an sonmably closed contact         Index rate operation voltage Ue AC         Index rate operation voltage Ue AC           Number of audimity contacts an sonmably closed contact         Index rate operation voltage UE AC         Index rate operation voltage UE AC           Sutable for forin mounting contre<	Version as emergency stop installation		
Arated operation voltage Ue AC         Sel et al.         Sel et al.           Rated operation voltage Ue AC         Sel - Sel         Sel - Sel           Rated permanent current I AC-21, 400 V         A         Bated contrains and Carl and AC-23, 400 V         Sel - Sel           Rated operation yoker AL-23, 400 V         KA         Bated contrains and Carl and AC-23, 400 V         Sel           Rated operation yoker AL-23, 400 V         KA         Bated contrains and Carl and AC-23, 400 V         Sel           Switching power AL-23, 400 V         KA         Bated contrains and Carl and Ca	Version as reversing switch		
Rated operation voltage         V         800 - 600           Rated operament current ta         A         2           Rated operament current ta         A         3           Rated operament current ta         A         4           Soltching orbita data data current ta         A         6           Condinaed rated data data current ta         A         6           Number of auxiliary contracts as normally open contract         A         0           Number of auxiliary contracts as normally open contract         A         0           Number of auxiliary contracts as normally open contract         B         A           Number of auxiliary contracts as normally open contract         A         A           Soltable for form contraing         B         A         A           Soltable for form contraing <t< td=""><td></td><td></td><td></td></t<>			
Rated permanent current JAC-23, 400 V         IA         30           Rated permanent current ALC-23, 400 V         IA         30           Rated opermanent current ALC-21, 400 V         IA         30           Rated opermanent current ALC-21, 400 V         IA         30           Rated opermanent current ALC-21, 400 V         IA         30           Rated short-time withstand current low         IA         30           Rated short-time withstand current low         IA         30           Switching power at 400 V         IA         30           Number of power at 400 V         IA         30           Number of auxiliary contacts as normally oper contact         IA         30           Number of auxiliary contacts as normally oper contact         IA         No           Number of auxiliary contacts as normally oper contact         IA         No           Number of auxiliary contacts as normally oper contact         IA         No           Number of auxiliary contacts as normally oper contact         IA         No           Number of auxiliary contacts as normally oper contact         IA         No           Sutable for from mouning 4-bite         IA         No           Sutable for from mouning 4-bite         IA         No           Sutable for from mouni	Max. rated operation voltage Ue AC		
Rated permanent current at AC-23, 400 V         I         A         I           Rated permanent current at AC-21, 400 V         I         A         I           Rated permanent current at AC-21, 400 V         I	Rated operating voltage	V	690 - 690
Rated permanent current at AC-21, 400 V     IM     Role       Rated operation power at AC-3, 400 V     IM     S3       Rated operation power at AC-3, 400 V     IM     S3       Rated operation power at AC-30, 400 V     IM     S5       Conditioned rated short-circuit current lq     IM     S5       Conditioned rated short-circuit current lq     IM     S1       Number of poles     IM     S1       Number of auxiliary contacts as normally closed contact     IM     S1       Number of auxiliary contacts as normally closed contact     IM     S1       Number of auxiliary contacts as normally closed contact     IM     S1       Number of auxiliary contacts as normally closed contact     IM     S1       Number of auxiliary contacts as normally closed contact     IM     S1       Number of auxiliary contacts as normally closed contact     IM     S1       Number of auxiliary contacts as normally closed contact     IM     S1       Number of auxiliary contacts as normally closed contact     IM     S1       Number of auxiliary contacts as normally closed contact     IM     S1       Number of auxiliary contacts as normally closed contact     IM     S1       Subale for form mounting 4-hole     IM     S1       Subale for form mounting 4-hole     IM     S1       Subale fo	Rated permanent current lu	А	20
Anadoperation power at AC-3,400 V         KM         5           Rated operation power at AC-32,400 V         KM         5.3           Switching power at 400 V         KM         5.3           Switching power at 400 V         KM         5.3           Conditioner at data short-circuit current Iq         KM         5.3           Number of builling contacts as normally closed contact         KM         6.3           Number of auxiliary contacts as normally closed contact         KM         6.3           Number of auxiliary contacts as normally closed contact         KM         6.3           Number of auxiliary contacts as normally closed contact         KM         6.3           Number of auxiliary contacts as normally closed contact         KM         6.3           Number of auxiliary contacts as change-over contact         KM         6.3           Number of auxiliary contacts as change-over contact         KM         6.3           Number of auxiliary contacts as change-over contact         KM         6.3           Status for from mounting contact         KM         6.3           Status for from mounting contact         KM         Non-1           Status for from mounting contact         KM         Non-1           Status for from mounting contact         KM         Non-1 <td>Rated permanent current at AC-23, 400 V</td> <td>А</td> <td>13.3</td>	Rated permanent current at AC-23, 400 V	А	13.3
Action of stand current lew         KA         Science           Rated operation power at AC-23,400 V         KW         Science           Switching power at 400 V         Sci         Sci           Switching power at 400 V         Sci         Sci           Switching power at 400 V         Sci         Sci           Number of suiliary contacts as normally closed contact         M         G           Number of suiliary contacts as change-over contact         M         G           Number of suiliary contacts as change-over contact         M         G           Motor drive integrated         M         Normality           Suitable for form mounting 4-hole         M         M           Suitable for fort mounting entre         M         M           Suitable for distribution based installation         M         M           Suitable for distribution based installation         M         M           Suitable for distribution functionaritie         M         M           Suitable for distribution functine         M         M	Rated permanent current at AC-21, 400 V	А	20
Rate operation power at AC-23, 40 V         KM         S conclusioned status and	Rated operation power at AC-3, 400 V	kW	5.5
Witching over at 400 v         KM         5.4           Conditioned rated short-circuit current Iq         KA         6.4           Number of auxiliary contacts as normally closed contact         G         0           Number of auxiliary contacts as normally closed contact         G         0           Number of auxiliary contacts as normally closed contact         G         0           Number of auxiliary contacts as normally closed contact         G         0           Number of auxiliary contacts as normally closed contact         G         0           Number of auxiliary contacts as normally closed contact         G         0           Number of auxiliary contacts as normally closed contact         G         0           Number of auxiliary contacts as normally closed contact         G         No           Number of auxiliary contacts as normally closed contact         G         No           Number of auxiliary contacts as normally closed contact         G         No           Number of auxiliary contacts as normally closed contact         F         No           Number of auxiliary contacts as normally closed contact         F         No           Stable for finor mounting f-hole         F         No         No           Sutable for finor mounting f-hole         F         No         No	Rated short-time withstand current Icw	kA	0.32
Conditioned rated short-incuit current lq       Image: Part of poles       Image: Part of poles         Number of auxiliary contacts as normally closed contact       Image: Part of poles       Image: Part of poles         Number of auxiliary contacts as normally closed contact       Image: Part of poles       Image: Part of poles         Number of auxiliary contacts as normally closed contact       Image: Part of poles       Image: Part of poles         Number of auxiliary contacts as normally closed contact       Image: Part of poles       Image: Part of poles         Number of auxiliary contacts as normally closed contact       Image: Part of poles       Image: Part of poles         Number of auxiliary contacts as normally closed contact       Image: Part of poles       Image: Part of poles         Number of auxiliary contacts as normally closed contact       Image: Part of poles       Image: Part of poles         Number of auxiliary contacts as normally closed contact       Image: Part of poles       Image: Part of poles         Number of auxiliary contacts as normally closed contact       Image: Part of poles       Image: Part of poles         Suitable for from rounting 4-hole       Image: Part of poles       Image: Part of poles       Image: Part of poles         Suitable for from rounting 4-hole       Image: Part of poles       Image: Part of poles       Image: Part of poles       Image: Part of poles         Suitable for from rou	Rated operation power at AC-23, 400 V	kW	5.5
Number of poles         Image: Second Se	Switching power at 400 V	kW	5.5
Number of auxiliary contacts as normally open contact         Image: provide state	Conditioned rated short-circuit current Iq	kA	6
Number of auxiliary contacts as normally open contact         Image: Provide auxiliary contacts as change-over contacts         Image: Provide auxiliary contacts as chandifted auxiliary contacts         Image: P	Number of poles		3
Number of auxiliary contacts as change-over contact         Image: section over contacts as change-over contact         Image: section over contacts as change-over cover cover contacts as change-over contact as change-over	Number of auxiliary contacts as normally closed contact		0
Motor drive optional         Model         Model           Motor drive integrated         Model         Model           Voltage release optional         Model         Model           Device construction         Model         Complete device in housing           Suitable for from mounting 4-hole         Model         Model           Suitable for intermediate mounting centre         Model         Model           Suitable for intermediate mounting         Model         Model           Suitable for intermediate mounting centre         Model         Model           Suitable for intermediate mounting centre         Model         Model           Suitable for intermediate mounting centre         Model         Model           Suitable for intermediate mounting ce	Number of auxiliary contacts as normally open contact		0
Abord rive integrated         Image: Section of the section of t	Number of auxiliary contacts as change-over contact		0
Vitage release optionalNoDevice constructionComplete device in housingSuitable for floor mounting 4-holeYesSuitable for front mounting 4-holeNoSuitable for front mounting centreNoSuitable for distribution board installationMoSuitable for intermediate mountingMoSuitable for intermediate mountingMoSuitable for intermediate mountingMoColour control elementMoType of electrical connection of main circuitMoVith pre-assembled cablingMoDegree of protection (NEMA)MoSuitable for intermediateMoWith pre-assembled cablingMoDegree of protection (NEMA)MoWith pre-assembled cablingMoDegree of protection (NEMA)MoMith pre-assembled cablingMoMith pre-assembled cablingMoDegree of protection (NEMA)MoMith pre-assembled cablingMoMith pre-assembled cablingMoMit	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 front mounting centre         No           Suitable for first mounting centre         No           Suitable for first mounting centre         No           Suitable for first mounting centre         No           Suitable for intermediate mounting         Set         Set           Suitable for intermediate mounting         Set         Set           Colour control element         Set         Set           Type of control element         Set         Set           Interlockable         Set         Set           Type of control element (PL), front side         Set         Set           Suitable for first mounting circuit         Set         Set           With pre-assembled cabling         Set         Set           Degree of protection (NEMA)         Set         Set           With         Set         Set           No         Set         Set           No         Set         Set           Degree of protection (NEMA)         Set         Set <td>Motor drive integrated</td> <td></td> <td>No</td>	Motor drive integrated		No
Suitable for floor mounting       Image: Statub for front mounting 4-hole       No         Suitable for front mounting centre       No       No         Suitable for front mounting centre       No       No         Suitable for intermediate mounting       Image: Statub for intermediate mounting       No         Colour control element       Image: Statub for intermediate mounting       No         Type of control element       Image: Statub for intermediate mounting       Statub for intermediate mounting         Interlockable       Image: Statub for intermediate mounting       Statub for intermediate mounting         Type of electrical connection of main circuit       Image: Statub for intermediate mounting       Statub for intermediate mounting         Degree of protection (IP), front side       Image: Statub for intermediate mounting       Statub for intermediate mounting         Degree of protection (IPE), front side       Image: Statub for intermediate mounting       No         Width       Image: Statub for intermediate mounting       Statub for intermediate mounting         Width       Image: Statub for intermediate mounting       Statub for intermediate mounting         Degree of protection (IPE), front side       Image: Statub for intermediate mounting       Statub for intermediate mounting         Midth       Image: Statub for intermediate mounting       Image: Statub for intermediate mounting	Voltage release optional		No
Suitable for front mounting 4-hole         Mo           Suitable for front mounting centre         No           Suitable for front mounting centre         No           Suitable for intermediate mounting         No           Suitable for intermediate mounting         Mo           Colour control element         Mo           Type of control element         Mo           Type of electrical connection of main circuit         Mo           With pre-assembled cabling         Mo           Degree of protection (NEMA)         Mo           With         Mo           Height         Mm           Bight         Mo	Device construction		Complete device in housing
Suitable for front mounting centre       No         Suitable for intermediate mounting       No         Suitable for intermediate mounting       No         Colour control element       Sint Humb-grip         Type of control element       Sint thumb-grip         Interlockable       Sint thumb-grip         Interlockable       Sint thumb-grip         Type of electrical connection of main circuit       Sint Humb-grip         Degree of protection (IP), front side       Sint Humb-grip         Degree of protection (NEMA)       Sint Humb         With full       Sint Humb         Height       Mo         Baget       Min         Biget       Sint Humb         Biget       Min         Biget       Min         Biget       Min         Biget       Min         Biget       Min         Biget       Min         Bight       Min         Bight       Min         Bight       Min         Bight       Min         Bight       Min         Bight       Min	Suitable for floor mounting		Yes
Suitable for distribution board installation       No         Suitable for distribution board installation       No         Suitable for intermediate mounting       No         Colour control element       Black         Type of control element       Soint thumb-grip         Interlockable       Yes         Type of electrical connection of main circuit       Soint element         Degree of protection (IP), front side       No         Degree of protection (NEMA)       Imm         With the set of the	Suitable for front mounting 4-hole		No
Suitable for intermediate mounting       Image: Solution of the soluti	Suitable for front mounting centre		No
Colour control element       Back         Type of control element       Short thumb-grip         Interlockable       Yes         Type of electrical connection of main circuit       Yes         With pre-assembled cabling       Yes         Degree of protection (IP), front side       Yes         With Mark       Yes         No       Yes         Degree of protection (IPA, front side       Yes         With Mark       Yes         Degree of protection (NEMA)       Yes         With Mark       Yes         Height       Mark         Degree of protection (NEMA)       Yes         Mark       Yes<	Suitable for distribution board installation		No
Type of control element       Short thumb-grip         Interlockable       Yes         Type of electrical connection of main circuit       Sterw connection         With pre-assembled cabling       No         Degree of protection (IP), front side       Image: Sterment of the stermen	Suitable for intermediate mounting		No
Interlockable     Yes       Type of electrical connection of main circuit     Image: Second condition       With pre-assembled cabling     Image: Second condition       Degree of protection (IP), front side     Image: Second condition       Degree of protection (IPAMA)     Image: Second condition       With     Image: Second condition       Height     Image: Second condition       Degree of protection (NEMA)     Image: Second condition       Height     Image: Second condition       Image: Second condition     Image: Second condition       Image: Second con	Colour control element		Black
Type of electrical connection of main circuitPerformServe connectionWith pre-assembled cablingNoNoDegree of protection (IP), front sideIOIODegree of protection (NEMA)IOIOWithImmIOHeightImmIODegtee of protection (IP)ImmIOHeightImmIOImmIOImmImmIOImmImmIOImmImmIOImmImmIOImm <t< td=""><td>Type of control element</td><td></td><td>Short thumb-grip</td></t<>	Type of control element		Short thumb-grip
No       Degree of protection (IP), front side     No       Degree of protection (NEMA)     Mo       With the protection (NEMA)     Mo       With the protection (NEMA)     Mo       Pegree of protection (NEMA)     Mo <td>Interlockable</td> <td></td> <td>Yes</td>	Interlockable		Yes
Degree of protection (IP), front sideIP65Degree of protection (NEMA)12WidthmmHeightmmDepthmm12	Type of electrical connection of main circuit		Screw connection
Degree of protection (NEMA)IWidthmm80Heightmm12Depthmm13	With pre-assembled cabling		No
Widthmm80Heightmm102Depthmm137	Degree of protection (IP), front side		IP65
Heightmm102Depthmm37	Degree of protection (NEMA)		12
Depth mm 137	Width	mm	80
	Height	mm	102
Width in number of modular spacings	Depth	mm	137
	Width in number of modular spacings		