## Panic switches, T0, 20 A, flush mounting, 3 pole, with black thumb grip and front plate, Cylinder lock $\ensuremath{\text{SVA}}$



Part no. T0-2-1/E/SVA(S) 050977

General specifications	
Product name Product name	Eaton Moeller® series T0 Panic switch
Part no.	T0-2-1/E/SVA(S)
EAN	4015080509776
Product Length/Depth	131 millimetre
Product height	73 millimetre
Product width	49 millimetre
Product weight	0.23 kilogram
Certifications	IEC/EN 60947-3 IEC/EN 60204 VDE 0660 IEC/EN 60947
Product Tradename	ТО
Product Type	Panic switch
Product Sub Type	None
Catalog Notes	If the key is withdrawn in position 1 the switch can be switched off but not on agai without the key. Rated Short-time Withstand Current (Icw) for a time of 1 second
Features & Functions	
Fitted with:	Black thumb grip and front plate
Functions	Interlockable
Inscription	0-1
Locking facility	Lockable in the 0 (Off) position
Locking mechanism	Cylinder lock SVA
Number of poles	3
General information	
Accessories	2 keys included with supplied equipment.
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	Front mounting 4-hole
Switching angle	90 °
Туре	Panic switch
Climatic 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	Damp heat, cyclic, to IEC 60068-2-30
	Parity float, overly, to IEO 00000 E 00

erminal capacities	
Terminal capacity	1 x (1 - 2.5) mm², solid or stranded 1 x (0.75 - 2.5) mm², flexible with ferrules to DIN 46228 2 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 8.8 lb-in, Screw terminals
lectrical 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	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 (le) at DC-23A, 240 V	5 A
Rated operational current (le) 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.
hort-circuit rating	
Rated conditional short-circuit current (Iq)	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
witching capacity	
Load rating	1.3 x l# (with intermittent operation class 12, 60 % duty factor) 2 x l# (with intermittent operation class 12, 25 % duty factor)

	1.6 x l# (with intermittent operation class 12, 40 % 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	
	Plack
Actuator color	Black
Actuator function	Maintained
Actuator type	Short thumb-grip
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 leaflet (IL) is observed.

## **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 switch	No	
Version as maintenance-/service switch	No	

Version as energency spointallation         Image: Control of the Control of Section 2 of			
Version as reversing witch         Image: Control of workings         Image: Control of workings <th< td=""><td>Version as safety switch</td><td></td><td>No</td></th<>	Version as safety switch		No
Number of switches         Incomparation workage Ue AC         V         69-0           Nated operation workage Ue AC         V         69-0           Nated opprating vorlage Ue AC         V         69-0           Rated permanent current at AC-25, 400 V         A         2           Rated operation power at AC-25, 400 V         N         3           Rated operation power at AC-25, 400 V         N         5           Rated operation power at AC-25, 400 V         N         5           Rated operation power at AC-25, 400 V         N         5           Notice of power at 400 V         N         5           Conditional rated short-circuit works         N         6           Nomber of dead contact         N         6           Number of auxiliary contacts as normally closed contact         N         0           Number of auxiliary contacts as normally open contact         N         N           Number of auxiliary contacts as normally open contact         N         N           Number of invalidation         N         N         N           Notes of divisition integrated         N         N         N           Notes of divisition from muniting         N         N         N           Suitable for forter mounting <td< td=""><td>Version as emergency stop installation</td><td></td><td>No</td></td<>	Version as emergency stop installation		No
Max. rated operating voltage Ue AC         V         800-600           Rated operating voltage         V         800-600           Rated permanent current tay AC-24,400 V         A         2           Rated permanent current tay AC-24,400 V         A         2           Rated operation power at AC-24,400 V         A         2           Rated operation power at AC-24,400 V         A         2           Rated operation power at AC-23,400 V         B         3           Switching power at AC-23,400 V         B         5           Switching power at AC-23,400 V         B         6           Switching power at AC-24,400 V         B         6           Where of awailing vortacts as normally closed contact         B         6           Whote of riviving power at AC-24,400 V         B	Version as reversing switch		No
Rated operating voltage         V         80-680           Rated permanent current u         A         20           Rated permanent current at AC-3,400 V         A         20           Rated operation power at AC-3,400 V         (A)         55           Rated short-time withstand current tow         (A)         32           Rated short-time withstand current tow         (A)         32           Rated short-time withstand current tow         (A)         32           Conditioned rated short-circuit current tow         (A)         32           Conditioned rated short-circuit current tow         (A)         32           Number of auxiliary contacts as normally closed cortact         (A)         32           Number of auxiliary contacts as normally closed cortact         (A)         32           Number of auxiliary contacts as normally open contact         (A)         32           Number of auxiliary contacts as normally closed cortact         (A)         32           Number of auxiliary contacts as normally closed cortact         (A)         32           Notor drive optional         (A)         32         32           Motor drive optional         (A)         32         32           Suitable for flore mounting 4-ble         (A)         32         32	Number of switches		1
Rated permanent current Iu         A         2           Rated permanent current at AC-23,400 V         4         2           Rated operation power at AC-3,400 V         4         2           Rated short-sime withstand current at AC-23,400 V         4         3           Rated short-sime withstand current tow         6         4         3           Rated short-sime withstand current Iq         6         8         5           Switching power at 400 V         6         5         6           Conditioned rated short-circ current Iq         6         4         6           Number of poles         9         6         6           Number of polaxiliary contacts as normally closed contact         9         6         6           Number of polaxiliary contacts as shange-over contact         9         6         6           Motor drive opional         9         9         9         9           Voltage release optional         9         9         9         9           Voltage release optional         9         9         9         9           Suitable for fort mounting shole         9         9         9         9           Suitable for fort mounting centre         9         9         9	Max. rated operation voltage Ue AC	V	690
Rated permanent current at AC-23, 400 V         A         2           Rated permanent current at AC-21, 400 V         A         2           Rated spermanent current at AC-24, 400 V         KW         5           Rated spermanent current at AC-24, 400 V         KW         5           Rated spermanent stathand current town         KW         5           Rated spermanent stathand current town         KW         5           Rated spermanent stathand current town         KW         5           Rated operation power at AC-25, 400 V         KW         5           Switching power at 400 V         KW         5           Conditional rated short-circuit current town         KW         6         6           Number of poles         KW         6         6           Number of poles         KW         6         6           Number of suxiliary contacts as normally open contact         KW         6         6           Motor drive optional         KW         6         6           Motor drive optional         KW         6         8           Motor drive optional         KW         6         8           Suitable for front mounting serve         KW         6         8           Suitable for front mounting	Rated operating voltage	V	690 - 690
Rated permanent current at AC-21, 400 V         K         X         5           Rated operation power at AC-3, 400 V         K         X         5           Rated operation power at AC-23, 400 V         K         X         X           Rated operation power at AC-23, 400 V         X         X         X           Switching power at 400 V         X         X         6           Conditioned rated short-circuit current Iq         X         X         6           Number of poles         X         X         6           Number of auxiliary contacts as normally closed contact         X         X         0           Number of auxiliary contacts as normally open contact         X         X         0           Number of auxiliary contacts as normally open contact         X         X         0           Number of auxiliary contacts as normally open contact         X         X         0         0           Motor drive integrated         X         X         X         0         0           Voltage release optional         X         X         X         0         0           Suitable for flort mounting 4-bie         X         X         X         X         0         0         0           Suitable for	Rated permanent current lu	Α	20
Rated operation power at AC-3, 400 V         AW         55           Rated operation power at AC-23, 400 V         WW         55           Switching power at 400 V         WW         55           Conditioned rated short-circuit current Iq         WW         55           Number of pulse in suitiary contacts as normally closed contact         WW         3           Number of auxiliary contacts as normally closed contact         WW         6           Number of auxiliary contacts as change-over contact         WW         6           Motor drive optional         WW         70         No           Motor drive integrated         WW         8         No           Voltage release optional         WW         70         No           Device construction         WW         70         No           Suitable for front mounting 4-hole         WW         70         No           Suitable for front mounting 4-hole         WW         70         No           Suitable for front mounting 4-hole         WW         70         No           Suitable for finitermediate mounting 4-hole         WW         80         No           Suitable for intermediate mounting 4-hole         WW         80         No           Suitable for intermediate mounting </td <td>Rated permanent current at AC-23, 400 V</td> <td>Α</td> <td></td>	Rated permanent current at AC-23, 400 V	Α	
Rated short-time with stand current low         KA         0.32           Rated operation power at AC-23, 400 V         WW         5.5           Switching power at 480 V         WM         5.5           Conditioned rated short-circuit current lq         WM         5.5           Number of poles         A         A           Number of poles         A         0           Number of auxiliary contacts as normally closed contact         A         0           Number of auxiliary contacts as change-over contact         A         N           Motor drive integrated         A         N         N           Motor drive integrated         A         N         N           Voltage release optional         A         N         N           Divide from mounting         N         N         N           Suitable for from mounting 4-hole         B         Y         N           Suitable for fort mounting 4-hole         Y         N         N           Suitable for intermediate mounting         Y         N         N           Colour control element         Y         N         N           Suitable for intermediate mounting         Y         N         N           Colur control element         Y </td <td>Rated permanent current at AC-21, 400 V</td> <td>Α</td> <td>20</td>	Rated permanent current at AC-21, 400 V	Α	20
Rated operation power at ACC-23, 400 V         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         CW         6           Number of auxiliary contacts as normally open contact         CW         6           Number of auxiliary contacts as change-over contact         CW         6           Motor drive integrated         CW         7         No           Motor drive integrated         CW         No         No           Voltage release optional         CW         No         No           Suitable for floor mounting         CW         No         No           Suitable for from mounting entre         No         No           Suitable for from mounting entre         No         No           Suitable for intermediate mounting         CW         No         No           Suitable for intermediate mounting         CW         Biack           Color control element         CW         No         No           Type of control element         CW         No         No           With pre-assembled cabling	Rated operation power at AC-3, 400 V	kW	5.5
Switching power at 400 V         kM         5.5           Conditioned rated short-circuit current Iq         kM         6           Number of poles         3         3           Number of auxiliary contacts as normally open contact         6         9           Number of auxiliary contacts as normally open contact         6         9           Number of auxiliary contacts as change-over contact         6         9           Motor drive integrated         6         No         No           Motor drive integrated         6         No         No           Voltage release optional         6         No         No           Suitable for floor mounting         6         No         No           Suitable for from mounting 4-the         6         No         No           Suitable for from mounting 6-the         6         No         No           Suitable for from mounting 6-the         6         No         No           Suitable for intermediate mounting         6         No         No           Suitable for intermediate mounting         6         No         No           Type of control element         6         No         No           Type of control element         6         No         No	Rated short-time withstand current lcw	kA	0.32
Conditioned rated short-circuit current Iq         KA         6           Number of poles         4         6           Number of auxiliary contacts as normally closed contact         6         9           Number of auxiliary contacts as normally open contact         6         9           Number of auxiliary contacts as change-over contact         6         7           Motor drive optional         6         7         8           Motor drive integrated         6         No         9           Voltage release optional         8         1         9         No           Suitable for floor mounting         8         1         9         No           Suitable for from mounting 4-hole         8         1         9         No           Suitable for intermediate mounting         8         1         9         No           Suitable for intermediate mounting         8         1         9         No           Color control element         9         1         9         No         No           Suitable for intermediate mounting         8         1         9         No         No           Color control element         9         1         1         No         No         No	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 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 Notor drive optional Notor drive integrated Notor mounting Notor front mounting centre Notor drive integrated Notor mounting centre Noto	Switching power at 400 V	kW	5.5
Number of auxiliary contacts as normally closed contact         6         9           Number of auxiliary contacts as normally open contact         6         9           Number of auxiliary contacts as change-over contact         6         10           Motor drive optional         6         10           Motor drive integrated         7         10           Voltage release optional         6         10           Device construction         6         10           Suitable for from mounting 4-hole         7         10           Suitable for from the mounting 4-hole         7         10           Suitable for from the mounting 4-hole         7         10           Suitable for from the mounting 6-hole         7         10           Suitable for from the mounting 6-hole         7         10           Suitable for from the mounting 6-hole         10         10           Suitable for from the mounting 6-hole         10         10           Suitable for intermediate mounting         10         10           Interlockable <td>Conditioned rated short-circuit current Iq</td> <td>kA</td> <td>6</td>	Conditioned rated short-circuit current Iq	kA	6
Number of auxiliary contacts as normally open contact         6         6         6         7         0         1         1         0         1         1         0         1         1         0         1         1         0         1         0         1         1         0         0	Number of poles		3
Number of auxiliary contacts as change-over contact         6         6         6         7         7         8         8         8         9         8         9         <	Number of auxiliary contacts as normally closed contact		0
Motor drive integrated  Motor drive integrated  Voltage release optional  Device construction  Suitable for floor mounting  Suitable for floor mounting 4-hole  Suitable for front mounting centre  Suitable for firnt mounting centre  Suitable for distribution board installation  Suitable for intermediate mounting  Colour control element  Type of control element  Type of electrical connection of main circuit  With pre-assembled cabling  Degree of protection (IPI), front side  Degree of protection (NEMA)  Height  Hei	Number of auxiliary contacts as normally open contact		0
Motor drive integrated Voltage release optional Device construction Suitable for floor mounting Suitable for front mounting 4-hole Suitable for front mounting centre Suitable for front 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 centrol element Type of electrical connection of main circuit With pre-assembled cabling Degree of protection (IPI), front side Degree of protection (IPMA) Width Height Height  Mo  Mo  Mo  Mo  Mo  Mo  Mo  Mo  Mo  M	Number of auxiliary contacts as change-over contact		0
Voltage release optional  Device construction  Device construction  Device construction  Suitable for floor mounting  Suitable for front mounting 4-hole  Suitable for front mounting centre  Suitable for front mounting centre  Suitable for firent 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)  Height  Height  Mo  No  No  No  No  Screw connection  No  Pes  12  Width  Mmm  Mmm  49  Height  Min jeria side  Min jeria device fixed built-in technique  Built-in device fixed built-in technique  No  No  Screw connection  No  Pes  12  Width  Mmm  Mmm  49  Height  Mmm  73	Motor drive optional		No
Built-in device fixed built-in technique  Suitable for floor mounting Suitable for floor mounting 4-hole Suitable for front mounting eentre Suitable for front mounting centre Suitable for fixed built-in technique Suitable for front mounting centre Suitable for fixed built-in technique No Suitable for front mounting centre Suitable for intermediate mounting Suitable for intermediate mounting Colour control element Suitable for intermediate mounting Suitable for interm	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 Colour control element Suitable for intermediate mounting Colour control element Suitable for intermediate mounting Su	Voltage release optional		No
Suitable for front 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 Type of control element Type of control element Type of electrical connection of main circuit With pre-assembled cabling Degree of protection (IP), front side Degree of protection (NEMA) Width Height  Yes Yes Short thumb-grip No Screw connection P65  12 Width Mm 49 Height Mn 73	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  With pre-assembled cabling  Degree of protection (IP), front side  Degree of protection (NEMA)  Width  Height  No  No  Screw connection  No  12  Width  mm  49  Height	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)  Width  Height  No  No  No  No  No  Height  No  12  No  No  13  No  14  No  15  No  16  No  17  No  18  No  19  No  No  No  No  No  No  No  No  No  N	Suitable for front mounting 4-hole		Yes
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) Width Height  No	Suitable for front mounting centre		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) Width Height  Black Short thumb-grip Yes Screw connection Yes Screw connection Pose Screw connection No IP65 IP65 IP65 IP65 IP65 IP65 IP65 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) Width Height Short thumb-grip Yes Screw connection Yes Screw connection No 12 12 Width mm 49 Height No 13	Suitable for intermediate mounting		No
Interlockable Type of electrical connection of main circuit With pre-assembled cabling Degree of protection (IP), front side Degree of protection (NEMA) Width Height  Yes Screw connection No 1P65 12 War 49 Height  Type of electrical connection of main circuit No 12 War 49 Man 73	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)  Width  mm  May  Height  Screw connection  No  1P65  12  49  73	Type of control element		Short thumb-grip
With pre-assembled cabling  Degree of protection (IP), front side  Degree of protection (NEMA)  Width  Height  No  1P65  12  49  49  49  49  49  49  49  40  40  40	Interlockable		Yes
Degree of protection (IP), front side  Degree of protection (NEMA)  Width  Height  Hei	Type of electrical connection of main circuit		Screw connection
Degree of protection (NEMA)  Width  Height  12  Mm  49  73	With pre-assembled cabling		No
Width mm 49 Height 73	Degree of protection (IP), front side		IP65
Height mm 73	Degree of protection (NEMA)		12
·	Width	mm	49
Depth mm 131	Height	mm	73
11111 101	Donth		***
Width in number of modular spacings	Бериі	mm	131