On-Off switch, T0, 20 A, flush mounting, 2 contact unit(s), 3 pole, with black thumb grip and front plate



Part no. T0-2-1/E 024639 EL Number 1456244

(Norway)

(NOTWAY)	
General specifications	
Product name	Eaton Moeller® series T0 On-Off switch
Part no.	T0-2-1/E
EAN	4015080246398
Product Length/Depth	86 millimetre
Product height	48 millimetre
Product width	48 millimetre
Product weight	0.108 kilogram
Certifications	CSA Class No.: 3211-05 CSA-C22.2 No. 94 CE CSA-C22.2 No. 60947-4-1-14 UL File No.: E36332 CSA UL CSA File No.: 012528 IEC/EN 60204 VDE 0660 UL Category Control No.: NLRV IEC/EN 60947-3 IEC/EN 60947 UL 60947-4-1
Product Tradename	ТО
Product Type	On-Off switch
Product Sub Type	None
Catalog Notes	Rated Short-time Withstand Current (Icw) for a time of 1 second
Features & Functions	
Fitted with:	Black thumb grip and front plate
Inscription	0-1
Number of poles	3
General 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 4-hole
Switching angle	90 °
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, constant, to IEC 60068-2-78

erminal capacities	
Terminal capacity	18 - 14 AWG, solid or flexible with ferrule 1 x (0.75 - 2.5) mm², flexible with ferrules to DIN 46228 1 x (1 - 2.5) mm², solid or stranded 2 x (0.75 - 2.5) mm², flexible with ferrules to DIN 46228 2 x (1 - 2.5) mm², solid or stranded
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 (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 (Ie) at AC-21, 440 V	20 A
Rated operational current (Ie) 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 I/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 (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 (le) 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 (le) 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)	320 A, Contacts, 1 second 0.32 kA
Short-circuit current rating (basic rating)	5 kA, SCCR (UL/CSA) 50A, max. Fuse, 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	1.3 x l# (with intermittent operation class 12, 60 % duty factor)
	1.6 x l# (with intermittent operation class 12, 40 % duty factor) 2 x l# (with intermittent operation class 12, 25 % 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, 1 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 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 (II) is observed

Technical data ETIM 9.0

L	ow-voltage industrial of	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

Vertico as a maintenance-frence soutch Image:	[AKF060018])	jy / UII-ioau s	switch, circuit breaker, control switch/ Switch disconnector (eci@ss13-2/-3/-14-03
Version as safety switch In Month of Switch (Switch) No Version as energency stop installation In Month of Switch (Switch) No Number of switches Image:	Version as main switch		No
Version as emergency stop installation I No. Version as rowering switch I No. Number of switches V 80 Nater, rated operation voltage Ue AC V 80 Rated operating voltage A 20 Rated operation power at AC-24,400 V A 20 Rated short-time withstand current leve B 32 Rated short-time withstand current leve <td< td=""><td>Version as maintenance-/service switch</td><td></td><td>No</td></td<>	Version as maintenance-/service switch		No
Version as reversing switch Included switches Included switches Included switches Included switches Included switches Included speaking voltage V 680-680 Second speaking voltage Second speaking voltage 8 2 2 2 2 2 2 2 2 2 2 2 2 2 2 3 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 4 3 3 4 4 3 3 4 4 4 4 4 4 4 4 4 4	Version as safety switch		No
Number of switches 1 60 Max. rated operating voltage Ue AC V 60 Rated operating voltage V 60 Rated operating voltage A 20 Rated operating power at AC-24,400 V A 20 Rated operation power at AC-24,600 V A 5.5 Rated operation power at AC-24,600 V B 5.5 Switching power at 400 V B 5.5 Conditioned rated short-circuit current lq B 6.0 Number of poles B 3.0 9.0 Number of swilliary contacts as normally closed contact B 9.0 Number of swilliary contacts as change-over contact B 9.0 Motor drive optional B 9.0 9.0 Motor drive integrated B 9.0 9.0 Motor drive integrated B 9.0 9.0 Value of the mounting	Version as emergency stop installation		No
Max. ratud operation voltage Us AC V 690 Rated permanent current u A 20 Rated permanent current at AC-21,400 V A 20 Rated permanent current at AC-21,400 V A 20 Rated permanent current at AC-21,400 V A 20 Rated operation power at AC-23,400 V A 32 Rated operation power at AC-23,400 V A 32 Switching power at 400 V A 5 Conditional rated short-circuit current ly A 6 Number of piels A 6 Number of auxiliary contacts as normally closed contact B 6 Number of auxiliary contacts as normally open centact B 6 Number of auxiliary contacts as change-over contact B 6 Number of auxiliary contacts as change-over contact B 6 Number of auxiliary contacts as change-over contact B 6 Number of fine integrated B 6 8 Visitable for floor mounting B 6 9 Suitable for from mounting entre B	Version as reversing switch		No
Rated operating voltage V 600 - 890 Rated permanent current un AC-24, 400 V A 2 Rated operation power at AC-34, 400 V W 5 Rated operation power at AC-34, 400 V W 5 Rated operation power at AC-32, 400 V W 5 Rated operation power at AC-32, 400 V W 5 Switching power at 400 V W 5 Conditioned rated short-circuit current Iq W 5 Conditioned rated short-circuit current Iq IA 6 Conditioned rated short-circuit current Iq IA 6 Number of poles IA 6 Number of auxiliary contacts as normally closed contact IA 6 Number of auxiliary contacts as normally concromated IA 9 Motor drive optional IA 9 Motor drive integrated IA 9 Voltage release optional IA 9 Suitable for from munting IA 9 Suitable for form munting a three munting 4-toles IA 9 Suitable for fort munting in curr	Number of switches		1
Rated permanent current Iu A 2 Rated permanent current at AC-23, 400 V A 2 Rated permanent current at AC-23, 400 V (M) 5 Rated operation power at AC-3, 400 V (M) 5 Rated operation power at AC-23, 400 V (M) 5 Rated operation power at AC-23, 400 V (M) 5 Switching power at 400 V (M) 5 Conditioned rated short-circuit current Iq (M) 6 Number of qualitary contacts as normally closed contact (M) 9 Number of auxiliary contacts as normally open contact (M) 0 Number of auxiliary contacts as change-over contact (M) No Number of auxiliary contacts as change-over contact (M) No Number of invalidate mounting (M) No Number of invalidate mounting (M) No Number of invalidate mounting (M) No Suitable for from mounting 4-hole (M) No Suitable for from thouting earte (M) No Suitable for from thouting earte (M) <t< td=""><td>Max. rated operation voltage Ue AC</td><td>V</td><td>690</td></t<>	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 4 20 Rated operation power at AC-23, 400 V KW 55 Rated operation power at AC-23, 400 V W 5 Rated operation power at AC-23, 400 V W 5 Switching power at 400 V W 5 Conditioned rated short-circuit current Iq A 6 Number of poles B 6 6 Number of poles B 6 6 Number of auxiliary contacts as normally losed contact B 6 6 Number of auxiliary contacts as change-over contact B 6 6 Motor drive optional B 6 8 6 Motor drive integrated B 6 8 6 Motor drive integrated B 6 8 8 Suitable for fort mounting - 4holo B 7 8 Suitable for fort mounting - 2holo B 8 8 Suitable for fort mounting - 2holo B <td< td=""><td>Rated operating voltage</td><td>V</td><td>690 - 690</td></td<>	Rated operating voltage	V	690 - 690
Rated permanent current at AC-21,400 V AW 55 Rated operation power at AC-3,400 V AW 5.5 Rated operation power at AC-23,400 V AW 5.5 Switching power at AC-23,400 V WW 5.5 Switching power at AC-23,400 V WW 5.5 Conditioned rated short-circuit current Iq WW 5.5 Number of poles A 6 Number of poles B 3 Number of poles B 3 Number of auxiliary contacts as normally closed contact B 0 Where of auxiliary contacts as change-over contact B 0 Whoter of invive optional B 0 0 Motor drive optional B 0 0 Voltage release optional B 0 0 Suitable for floor mounting B 0 0 Suitable for floor mounting centre B 0 0 Suitable for finith mounting 4-ble B 0 0 Suitable for intermediate mounting B 0 0<	Rated permanent current lu	Α	20
Rated operation power at AC-3,400 V KW 5.5 Rated short-time withstand current low KW 5.5 Rated operation power at AC-22,400 V KW 5.5 Switching power at 400 V KW 5.5 Conditioned rated short-circuit current lq KW 6 Number of poles CW 3 3 Number of auxiliary contacts as normally losed contact CW 0 0 Number of auxiliary contacts as normally open contact CW 0 0 Number of auxiliary contacts as normally open contact CW 0 0 Number of auxiliary contacts as change-over contact CW 0 0 Number of auxiliary contacts as change-over contact CW 0 0 Motor drive infigerated CW 0 0 Number of auxiliary contacts as change-over contact CW 0 0 Suitable for from open auxiliary contacts as change-over contact CW 0 0 Suitable for from nounting 4-tole CW 0 0 0 Suitable for front mounting 4-tole	Rated permanent current at AC-23, 400 V	Α	
Rated short-time withstand current low AB 3.22 Rated operation power at AC-23,400 V WW 5.5 Switching power at 400 V AB 5.5 Conditioned rated short-circuit current lq AB 6.4 Number of poles B 4.0 6 Number of auxiliary contacts as normally closed contact B 6 0 Number of auxiliary contacts as change-over contact B 6 0 Motor drive optional B 7.0 0 Motor drive integrated No No 0 Voltage release optional No No 0 Device construction Built-in device fixed built-in technique 0 Suitable for front mounting 4-hole No No Suitable for front mounting entre No No Suitable for intermediate mounting No No Suitable for intermediate mounting No No Colour control element No No Type of control element S No No Internockable <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 AC-23, 400 V MW 5.5 Switching power at 400 V KW 5.5 Conditioned rated short-circuit current Iq AM 6 Number of poles AM 3 Number of public auxiliary contacts as normally closed contact AM 0 Number of auxiliary contacts as normally open contact AM 0 Motor drive optional AM No Motor drive integrated AM No Voltage release optional AM No Suitable for from mounting AM No Suitable for from mounting 4-hole AM Yes Suitable for front mounting entre AM No Suitable for intermediate mounting AM No Color control element AM Secure connection of installation Suitable for intermediate mounting AM No Color control element AM Secure connection of main circuit With pre- assembled cabling AM Secure connection of main circuit With pre- assembled cabling AM AM	Rated operation power at AC-3, 400 V	kW	5.5
Switching power at 400 V kW 5.5 Conditioned rated short-circuit current Iq kA 6 Number of poles 3 3 Number of auxiliary contacts as normally closed contact C 0 Number of auxiliary contacts as normally open contact C 0 Number of auxiliary contacts as change-over contact C 0 Motor drive integrated No No Voltage release optional No No Device construction No No Suitable for floor mounting No No Suitable for from mounting -thole No No Suitable for front mounting -thole No No Suitable for floor mounting No No Suitable for floor mounting on the institution board installation No No Suitable for floor floor mounting No No Suitable for intermediate mounting No No Colour control element No No Type of control element No No Interfockable No	Rated short-time withstand current lcw	kA	0.32
Conditioned rated short-circuit current Iq KA 6 Number of poles 4 3 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 9 Motor drive pitional 8 9 9 Motor drive integrated 6 9 No Voltage release optional 6 9 No Device construction 6 9 No Suitable for floor mounting 6 9 No Suitable for front mounting 4-hole 6 9 No Suitable for front mounting entire 6 9 No Suitable for fintermediate mounting 6 No No Colour control element 6 9 No No Unitable for intermediate mounting 6 No No No Colour control element 6 No No No Type of control element	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 change-over contact Notor drive optional Notor drive integrated Notor drive integrated Notor drive integrated Notor drive integrated Notor drive integrated Not	Switching power at 400 V	kW	5.5
Number of auxiliary contacts as normally closed contact 6 Number of auxiliary contacts as normally open contact 6 Motor drive optional 6 Motor drive integrated 9 Voltage release optional 9 Device construction 9 Suitable for from mounting 10 Suitable for from thounting 4-hole 9 Suitable for from thounting centre 9 Suitable for intermediate mounting 10 Interfockable 10 Suitable for intermediate mounting 10 Interfockable 10 <td< td=""><td>Conditioned rated short-circuit current Iq</td><td>kA</td><td>6</td></td<>	Conditioned rated short-circuit current Iq	kA	6
Number of auxiliary contacts as normally open contact 6 9 Number of auxiliary contacts as change-over contact 6 9 Motor drive optional 7 No Motor drive integrated 8 10 Voltage release optional 9 10 Device construction 9 10 Suitable for froor mounting 10 10 Suitable for froor mounting 4-hole 10 10 Suitable for distribution board installation 10 10 Suitable for distribution board installation 10 10 Suitable for intermediate mounting 10 10 Colour control element 10 10 Type of control element 10 10 Type of control element 10 10 Type of electrical connection of main circuit 10 10 With pre-assembled cabling 10 10 Degree of protection (IPI, front side 10 10 Degree of protection (NEMA) 10 10 With 10 10	Number of poles		3
Number of auxiliary contacts as change-over contact 6 9 Motor drive optional 6 9 Motor drive integrated 6 9 Voltage release optional 6 9 Device construction 6 9 Suitable for floor mounting 6 9 Suitable for front mounting 4-hole 7 9 Suitable for distribution board installation 6 9 Suitable for intermediate mounting 7 9 Colour control element 9 9 Type of control element 9 9 Interlockable 9 9 Type of electrical connection of main circuit 9 9 With pre-assembled cabling 9 9 Degree of protection (IP), front side 9 9 Degree of protection (NEMA) 9 18 Width 9 18 Height 9 18 Begin for the mediate mounting 9 18 Interlockable 9 18	Number of auxiliary contacts as normally closed contact		0
Motor drive optional No Motor drive integrated No Voltage release optional No Device construction Intermediate mounting Suitable for floor mounting No Suitable for front mounting 4-hole Yes Suitable for first mounting centre No Suitable for distribution board installation No Suitable for intermediate mounting No Colour control element No Type of control element No Interlockable No Type of electrical connection of main circuit No With pre-assembled cabling No Degree of protection (IP), front side No Degree of protection (NEMA) Yes Width A No Height No No Height No No Legal No No	Number of auxiliary contacts as normally open contact		0
Motor drive integrated Voltage release optional Device construction Suitable for floor mounting Suitable for floor mounting 4-hole Suitable for front mounting eartre Suitable for first mounting centre Suitable for distribution board installation Suitable for intermediate mounting Colour control element Type of control element Type of collectrical connection of main circuit With pre-assembled cabling Degree of protection (IP), front side Degree of protection (IP), front side Degree of protection (NEMA) Degree of prote	Number of auxiliary contacts as change-over contact		0
Voltage release optional Mo 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 Yes Suitable for intermediate mounting No Colour control element No Type of control element Yes Interlockable No Type of electrical connection of main circuit Yes With pre-assembled cabling Yes Degree of protection (IP), front side Yes Degree of protection (IPMA) Yes Width Mm Height Mm Begth Mm Begth<	Motor drive 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 Black Type of control element Short thumb-grip Interlockable No Type of electrical connection of main circuit Screw connection With pre-assembled cabling No Degree of protection (IP), front side No Degree of protection (NEMA) 12 Width mm 48 Height mm 48 Begth mm 48 Begth mm 48	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 front mounting centre Suitable for firont mounting centre Suitable for distribution board installation Suitable for intermediate mounting Suitable for	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 Suita	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 Depth Degree Book No Screw connection No Screw connection P65 12 48 48 48 AB AB AB AB AB AB AB AB AB A	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 Depth O No No Screw connection No 12 48 48 48 48 AB Popth	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) With Height Depth No No Screw connection No 12 12 Width Mm 48 48 48 48 Beght Mm 48 Beght M	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) With March Mith Mith Mith Mith Mith Mith Mith Mit	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) With Mark States Stat	Suitable for intermediate mounting		No
Interlockable Interlockable Type of electrical connection of main circuit With pre-assembled cabling Degree of protection (IP), front side Degree of protection (NEMA) With Interlockable Interlockabl	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 Height Depth Screw connection No 1P65 12 22 48 48 48 48 48 49 49 49 49 49	Type of control element		Short thumb-grip
With pre-assembled cabling Degree of protection (IP), front side Degree of protection (NEMA) With In the protection (NEMA) With In the protection (NEMA) With In the protection (NEMA) In the protec	Interlockable		No
Degree of protection (IP), front side 1P65 Degree of protection (NEMA) 12 Width 1891 Height 1891 Depth 1895 Whith 1995 W			Screw connection
Degree of protection (NEMA) Width Height Depth Mm Mm Mm Mm Mm Mm Mm Mm Mm M	With pre-assembled cabling		No
Width mm 48 Height mm 48 Depth mm 86			
Height mm 48 Depth mm 86			12
Depth mm 86		mm	48
		mm	
Width in number of modular spacings		mm	86
	Width in number of modular spacings		