Main switch, T0, 20 A, flush mounting, 3 contact unit(s), 3 pole + N, 1 N/O, 1 N/C, Emergency switching off function, With red rotary handle and yellow locking ring, Lockable in the 0 (Off) position



Part no. T0-3-15680/EA/SVB

038875

**EL Number** 1417037

(Norway)

General specifications	
Product name	Eaton Moeller® series T0 Main switch
Part no.	T0-3-15680/EA/SVB
EAN	4015080388753
Product Length/Depth	120 millimetre
Product height	74 millimetre
Product width	65 millimetre
Product weight	0.142 kilogram
Certifications	CSA-C22.2 No. 94
	CSA File No.: 012528  VDE 0660  IEC/EN 60204  UL 60947-4-1  CSA-C22.2 No. 60947-4-1-14  CSA Class No.: 3211-05  IEC/EN 60947  UL File No.: E36332  UL Category Control No.: NLRV  UL  CSA  IEC/EN 60947-3  CE  CSA  UL
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
Features & Functions	
Features	Version as maintenance-/service switch Version as main switch Version as emergency stop installation
Fitted with:	Red rotary handle and yellow locking ring
Functions	Emergency switching off function Interlockable
Locking facility	Lockable in the 0 (Off) position
Number of poles	4
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	3
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 center Branch circuits, suitable as motor disconnect, (UL/CSA)
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, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
Terminal capacities	
Terminal capacity	1 x (1 - 2.5) mm², solid or stranded 2 x (0.75 - 2.5) mm², flexible with ferrules to DIN 46228 18 - 14 AWG, solid or flexible with ferrule 1 x (0.75 - 2.5) mm², flexible with ferrules to DIN 46228 $2 x (1 - 2.5) \text{ mm²}$ , solid or stranded
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 (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 (le) at DC-21, 240 V	1 A
Rated operational current (Ie) at DC-23A, 24 V	10 A
Rated operational current (le) at DC-23A, 48 V	10 A
Rated operational current (le) at DC-23A, 60 V	10 A
Rated operational current (le) at DC-23A, 120 V	5 A
Rated operational current (Ie) 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.

Short-circuit rating	
Rated conditional short-circuit current (Iq)	6 kA
Rated short-time withstand current (Icw)	320 A, Contacts, 1 second
Short-circuit current rating (basic rating)	0.32 kA 50A, max. Fuse, SCCR (UL/CSA) 5 kA, 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	1.3 x l# (with intermittent operation class 12, 60 % duty factor) 1.6 x l# (with intermittent operation class 12, 40 % duty factor) $2 \times l#$ (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, 10 mA) $$
Number of auxiliary contacts (change-over contacts)	0
Number of auxiliary contacts (normally closed contacts)	1
Number of auxiliary contacts (normally open contacts)	1
Actuator	
Actuator color	Red
Actuator type	Door coupling rotary drive
Design verification	
Equipment heat dissipation, current-dependent Pvid	0 W
Heat dissipation capacity Pdiss	0 W
Heat dissipation per pole, current-dependent Pvid	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         Yes           Version as a main tenance /service switch         Po           Version as a margency stop installation         Yes           Version as a margency stop installation         Yes           Version as a margency stop installation         Yes           Number of switches         Yes           Rated operating voltage         Yes           Rated operating voltage         Yes           Rated operating voltage         A           Rated operating voltage         A           Rated operating voltage         A           Rated permanent current at AC-22, 400 V         A           Rated permanent current at AC-23, 400 V         A           Rated short-line withstand current low	[AKF060018])		
Version as safety switch         Yes           Version as emergency stop installation         Yes           Version as reversing switch         No           Number of switch         1           Max. rated aperation voltage Ue AC         V         690           Rated operation voltage Ue AC         V         690           Rated permanent current at AC-23, 400 V         A         20           Rated permanent current at AC-23, 400 V         A         20           Rated permanent current at AC-23, 400 V         A         20           Rated aperation power at AC-23, 400 V         A         20           Rated aperation power at AC-23, 400 V         A         20           Rated aperation power at AC-23, 400 V         A         20           Switching power at 400 V         A         20           Switching power at 400 V         B         5           Number of alwaising contacts as normally cleased contact         B         6           Number of alwaising contacts as normally cleased contact         B         6           Number of alwaising contacts as change-over contact         B         6           Motor drive integrated         B         6         B           Voltage release optional         B         6         B <td>Version as main switch</td> <td></td> <td>Yes</td>	Version as main switch		Yes
Version as energency stop installation         Pes           Version as reversing switch         No           Number of switches         V         690           Rated operation voltage Ue AC         V         690           Rated operation voltage Ue AC         A         20           Rated permanent current us AC-23, 400 V         A         20           Rated operation power at AC-21, 400 V         A         20           Rated operation power at AC-23, 400 V         KW         55           Rated short-time withstand current low         KW         55           Rated short-time withstand current low         KW         55           Number of auxiliary contact as a normally closed contact         KW         55           Number of auxiliary contacts as normally closed contact         KW         6           Number of auxiliary contacts as normally open contact         KW         6           Number of auxiliary contacts as change-over contact         KW         6           Motor drive integrated         KW         6           Motor drive integrated         KW         8           Motor drive integrated         KW         8           Notate for norming         KW         8           Suitable for from mounting         KW	Version as maintenance-/service switch		Yes
Version as reversing switch           1           Number of switches         1           Max. rated operation voltage UAC         V         690           Rated operation voltage         V         690           Rated operation voltage         V         690           Rated operation voltage         A         20           Rated operation power at AC-24,00V         A         20           Rated operation power at AC-24,00V         R         5.5           Rated operation power at AC-24,00V         R         6.2           Rated operation power at AC-24,00V         R         6.2           Routed operation power at AC-24,00V         R         6.2           Number of sucklay contacts as normally closed contact         R         6           Number of suxiliary contacts as normally pen contact         P         6           Number of suxiliary contacts as change-over contact         P         8           Voltage facility of the integrated         P         9 <td>Version as safety switch</td> <td></td> <td>No</td>	Version as safety switch		No
Number of switches         1         1           Max. rated operation voltage Ue AC         y         80           Rated operation voltage         V         80           Rated operation voltage         V         80           Rated operation voltage         A         9           Rated operation power at AC-23,400 V         A         9           Rated sport-time withstand current for         K         5           Rated short-time withstand current for         K         5           Switching power at AC-23,400 V         K         5           Rated short-time withstand current for         K         5           Switching power at AC-23,400 V         K         6           Number of auxiliary contacts as normally losal cortect         K         1         1           Number of auxiliary contacts as normally open cortact         K         0         1           Wottage release optional         K<	Version as emergency stop installation		Yes
Max. rated operation voltage Uo AC         V         699           Rated operating voltage         V         890           Rated operating voltage         A         20           Rated permanent current at LOC2,400 V         A         20           Rated operation power at AC-3,400 V         A         30           Rated operation power at AC-3,400 V         K         AD         32           Rated operation power at AC-3,400 V         K         AD         32           Rated operation power at AC-3,400 V         K         AD         32           Rated operation power at AC-3,400 V         K         AD         32           Rated operation power at AC-23,400 V         K         AD         32           Rated operation power at AC-3,400 V         K         AD         32           Rated operation power at AC-23,400 V         K         AD         32           Conditioned rated short-circuit current lq         K         AD         42           Conditioned rated short-circuit current lq         K         B         42           Number of auxiliary contacts as normally open contact         K         D         AD           Motor drive optional         K         N         No           Motor drive integrated	Version as reversing switch		No
Rated operating voltage         V         680           Rated permanent current lu         A         2           Rated permanent current at AC-23, 400 V         A         A           Rated operation power at AC-3, 400 V         A         32           Rated operation power at AC-3, 400 V         KA         0.32           Rated operation power at AC-23, 400 V         KA         0.32           Rotted operation power at AC-30, 400 V         KA         5.5           Switching power at 400 V         KA         5.5           Conditioned rated short-circuit current Iq         KA         6.4           Number of poles         KA         6.4           Number of auxiliary contacts as normally closed contact         KA         1.4           Number of auxiliary contacts as change-over contact         KA         0.0           Motor drive optional         KA         No.           Suitable for floor mounting         KA         No.           Suitable for floor mounting         KA         No.	Number of switches		1
Rated permanent current lu         A         20           Rated permanent current at AC-23, 400 V         A         20           Rated permanent current at AC-21, 400 V         A         20           Rated permanent current at AC-23, 400 V         KM         55           Rated short-time vithstand current lcw         KA         032           Rated operation power at AC-23, 400 V         KW         55           Switching power at 400 V         KM         55           Conditioned rated short-circuit current lq         KA         6           Number of poles         LA         6           Number of auxiliary contacts as normally closed contact         LA         1           Number of auxiliary contacts as normally open contact         LA         0           Number of auxiliary contacts as normally contacts as change-over contact         LA         0           Motor drive optional         LA         0         0           Motor drive optional         LA         No         0           Motor drive integrated         LA         No         0           Voltage release optional         LA         No         0           Suitable for front mounting sentre         LA         No         0           Suitable for front mounting	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 withistand current few         KW         5.5           Rated short-time withistand current few         KW         5.5           Switching power at AC-23,400 V         KW         5.5           Switching power at 400 V         KW         5.5           Conditioned rated short-circuit current fq         KW         6           Number of poles         KW         6           Number of auxiliary contacts as normally closed contact         KW         1           Number of auxiliary contacts as normally open contact         KW         5           Mumber of auxiliary contacts as change-over contact         KW         6           Motor drive integrated         KW         No           Voltage release optional         KW         No           Device construction         KW         No           Suitable for floor mounting         KW         No           Suitable for front mounting entre         KW         No           Suitable for front mounting entre         KW         No           Suitable for fort mounting entre         KW         No           Suitable for intermediat	Rated operating voltage	V	690
Rated permanent current at AC-21, 400 V         A         20           Rated operation power at AC-3, 400 V         KW         5.5           Rated short-time withstand current lcw         KW         5.5           Rated short-time withstand current lcw         KW         5.5           Switching power at 400 V         KW         5.5           Conditioned rated short-circuit current lq         KW         6           Number of ploshs         KW         4           Number of auxiliary contacts as normally closed contact         KW         1           Number of auxiliary contacts as normally open contact         KW         1           Motor drive optional         KW         No           Motor drive integrated         KW         No           Voltage ralease optional         No         No           Suitable for from mounting         KW         No           Suitable for from mounting 4-hole         KW         No           Suitable for from mounting centre         KW         No           Suitable for intermediate mounting         KW         No           Suitable for intermediate mounting         KW         No           Colour control element         KW         No           Suitable for intermediate mounting         <	Rated permanent current lu	Α	20
Rated operation power at AC-3,400 V         kM         32           Rated operation power at AC-23,400 V         kW         55           Switching power at 400 V         kW         55           Conditioned rated short-circuit current Iq         kW         55           Number of poles         kW         64           Number of poles         4         44           Number of auxiliary contacts as normally closed contact         b         1           Number of auxiliary contacts as normally open contact         b         1           Number of auxiliary contacts as change-over contact         b         1           Motor drive optional         b         1         1           Motor drive integrated         b         1         1           Motor drive integrated         b         1         1           Motive construction         b         1         1           Suitable for front mounting         b         1         1           Suitable for front mounting entre         b         1         1           Suitable for find mounting entre         b         1         1           Suitable for intermediate mounting         b         1         1           Color control element         b	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         KW         5.5           Switching power at 400 V         KW         5.5           Conditioned rated short-circuit current lq         KW         6           Number of poles         A         6           Number of auxiliary contacts as normally closed contact         1         1           Number of auxiliary contacts as normally open contact         9         1           Number of auxiliary contacts as change-over contact         9         1           Mottor drive optional         9         1         No           Mottor drive integrated         9         No         No           Voltage release optional         9         No         No           Suitable for front mounting         9         No         No           Suitable for front mounting 4-hole         9         No         No           Suitable for distribution board installation         9         No         No           Suitable for intermediate mounting         9         No         No           Suitable for intermediate mounting         9         No         No           Suitable for intermediate mounting         9         No <t< td=""><td>Rated permanent current at AC-21, 400 V</td><td>Α</td><td>20</td></t<>	Rated permanent current at AC-21, 400 V	Α	20
Reted 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 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 integrated  Notor drive integrated  Notage release optional  Notage release optional  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 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	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     4     4       Number of auxiliary contacts as normally closed contact     9     1       Number of auxiliary contacts as normally open contact     9     1       Motor drive optional     9     10       Motor drive integrated     9     No       Voltage release optional     9     Built-in device fixed built-in technique       Suitable for floor mounting     9     No       Suitable for front mounting 4-hole     9     No       Suitable for intermediate mounting centre     9     Yes       Suitable for intermediate mounting     9     No       Suitable for intermediate mounting     9     No       Colour control element     9     No       Suitable for intermediate mounting     9     No       Colour control element     9     No       Suitable for intermediate mounting     9     No       Colour control element     9     No       Type of central element     9     No       Interlockable     9     No       Type of electrical connection of main circuit     9     No       With pre-assembled cabling     9     No       Degre	Rated short-time withstand current lcw	kA	0.32
Conditioned rated short-circuit current Iq         kA         6           Number of poles         4         4           Number of auxiliary contacts as normally closed contact         1         1           Number of auxiliary contacts as normally open contact         1         1           Number of auxiliary contacts as change-over contact         1         0           Motor drive optional         No         No           Motor drive integrated         No         No           Voltage release optional         No         No           Device construction         9         No         No           Suitable for from mounting         No         No           Suitable for from mounting 4-hole         No         No           Suitable for distribution board installation         No         No           Suitable for intermediate mounting         No         No           Colour control element         No         No           Type of control element         No         No           Type of control element         No         No           Type of electrical connection of main circuit         No         No           With pre-assembled cabling         No         No           With pre-assembled cabling         No <td>Rated operation power at AC-23, 400 V</td> <td>kW</td> <td>5.5</td>	Rated operation power at AC-23, 400 V	kW	5.5
Number of poles         4           Number of auxiliary contacts as normally closed contact         1           Number of auxiliary contacts as normally open contact         1           Number of auxiliary contacts as change-over contact         0           Motor drive optional         0           Motor drive integrated         No           Voltage release optional         No           Device construction         0           Suitable for floor mounting         No           Suitable for front mounting 4-hole         No           Suitable for distribution board installation         Yes           Suitable for intermediate mounting         No           Colour control element         No           Type of control element         No           Type of electrical connection of main circuit         Yes           With pre-assembled cabling         Yes           Degree of protection (IP), front side         Yes           No         Screw connection	Switching power at 400 V	kW	5.5
Number of auxiliary contacts as normally closed contact         1           Number of auxiliary contacts as normally open contact         6           Number of auxiliary contacts as change-over contact         6           Motor drive optional         8           Motor drive optional         8           Motor drive integrated         8           Voltage release optional         8           Device construction         8           Suitable for floor mounting         8           Suitable for floor mounting 4-hole         8           Suitable for front mounting centre         8           Suitable for distribution board installation         8           Suitable for intermediate mounting         8           Colour control element         8           Type of control element         8           Type of control element         9           Type of electrical connection of main circuit         9           With pre-assembled cabling         8           Degree of protection (IP), front side         9           Built-in device fixed built-in technique           No           No           Colour control element         9           Type of electrical connection of main circuit         9           Yes	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  No Device optional  No No  No	Number of poles		4
Number of auxiliary contacts as change-over contact  Motor drive optional  Motor drive integrated  No  No  No  No  No  Device construction  Suitable for floor mounting  Suitable for front mounting 4-hole  Suitable for front mounting entre  Suitable for firont mounting centre  Suitable for floor mounting ontre  Suitable for floor mounting ontre  Suitable for floor mounting 4-hole  Suitable for floor mounting 4-hole  Suitable for floor mounting ontre  Suitable for floor mounting centre  Suitable for intermediate mounting centre  Suitable for intermediate mounting  No  Screw connection  Screw connection  No  Screw connection  No  Serew	Number of auxiliary contacts as normally closed contact		1
Motor drive integrated  Motor drive integrated  No  No  Voltage release optional  No  Device construction  Suitable for floor mounting  Suitable for front mounting 4-hole  Suitable for front mounting centre  Suitable for front mounting centre  Suitable for front mounting centre  Suitable for fortn mounting centre  Suitable for fortn mounting centre  Suitable for fortn mounting centre  Suitable for front mounting centre  Suitable for front mounting centre  Suitable for front mounting centre  Suitable for intermediate mounting  Colour control element  Type of control element  Type of control element  Suitable for intermediate mounting  Suitable for intermediate mounting  Colour control element  Type of electrical connection of main circuit  With pre-assembled cabling  Degree of protection (IP), front side	Number of auxiliary contacts as normally open contact		1
Motor drive integrated  Voltage release optional  Voltage release optional  No  Built-in device fixed built-in technique  Suitable for floor mounting  Suitable for floor mounting 4-hole  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  Interlockable  Type of electrical connection of main circuit  With pre-assembled cabling  Degree of protection (IP), front side	Number of auxiliary contacts as change-over contact		0
Voltage release optionalNoDevice constructionBuilt-in device fixed built-in techniqueSuitable for floor mountingNoSuitable for front mounting 4-holeNoSuitable for front mounting centreYesSuitable for distribution board installationNoSuitable for intermediate mountingNoColour control elementNoType of control elementRedInterlockableYesType of electrical connection of main circuitYesWith pre-assembled cablingScrew connectionDegree of protection (IP), front sideNo	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 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  Built-in device fixed built-in technique No  Ro  Ro  Suitable for intermediate built-in technique No  No  Suitable for front mounting No  Suitable for intermediate mounting No  Built-in device fixed built-in technique No  Suitable for floor mounting No  Suitable for front mounting 4-hole No  Suitable for fort mounting 4-hole No  Sui	Motor drive integrated		No
Suitable for floor mounting Suitable for front mounting 4-hole Suitable for front mounting centre Suitable for distribution board installation Suitable for 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	Voltage release optional		No
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 front mounting 4-hole Suitable for distribution board installation Suitable for distribution	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  Yes  Yes  Yes  Screw connection  No  165  165  165  165  176  176  176  176	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  No  No  Red  Pea  Door coupling rotary drive  Yes  Screw connection  Screw connection  No  165  165  165	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  No  No  Red Door coupling rotary drive Yes Screw connection Screw connection No  IP65	Suitable for front mounting centre		Yes
Colour control elementRedType of control elementDoor coupling rotary driveInterlockableYesType of electrical connection of main circuitScrew connectionWith pre-assembled cablingNoDegree of protection (IP), front sideIP65	Suitable for distribution board installation		No
Type of control element Interlockable Type of electrical connection of main circuit With pre-assembled cabling Door coupling rotary drive Yes Screw connection  No Degree of protection (IP), front side IP65	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	Colour control element		Red
Type of electrical connection of main circuit  With pre-assembled cabling  Degree of protection (IP), front side  Screw connection  No  IP65	Type of control element		Door coupling rotary drive
With pre-assembled cabling No Degree of protection (IP), front side IP65	Interlockable		Yes
Degree of protection (IP), front side IP65	Type of electrical connection of main circuit		Screw connection
	With pre-assembled cabling		No
Degree of protection (NEMA) 12	Degree of protection (IP), front side		IP65
	Degree of protection (NEMA)		12

Width	m	nm	65
Height	m	nm	74
Depth	m	nm	120
Width in number of modular spacings			