Switch-disconnector, DMM,  $63\,A$ ,  $4\,pole$ , With black rotary handle and drive shaft, Vertical connection



Part no. DMM-63/4

1314162

EL Number (Norway) 4309089

(Norway)	
General specifications	
Product name	Eaton DMM Switch-disconnector
Part no.	DMM-63/4
EAN	8711426625006
Product Length/Depth	146 millimetre
Product height	74 millimetre
Product width	84 millimetre
Product weight	0.62 kilogram
Certifications	KEMA IEC/EN 60947-3 IEC/EN 60204 RoHS CE VDE 0660 Lloyds EAC IEC/EN 60947
Product Tradename	DMM
Product Type	Switch-disconnector
Product Sub Type	None
Catalog Notes	1 padlock, # 5 mm Rated Short-time Withstand Current (Icw) for a time of 1 second
Features & Functions	
Features	Version as main switch Version as maintenance-/service switch
Fitted with:	Black rotary handle and drive shaft
Locking facility	Lockable in the 0 (Off) position
Number of poles	Four-pole
General information	
Accessories	Auxiliary contact fitted by user.
Actuator color	Black
Actuator type	Short thumb-grip
Connection type	Vertical
Degree of protection	NEMA Other
Degree of protection (front side)	IP20
Lifespan, mechanical	8,500 Operations
Mounting method	Surface mounting
Mounting position	As required
Overvoltage category	III
Pollution degree	3
Product Category	Main switch Switch-disconnector
Rated impulse withstand voltage (Uimp)	6000 V
Safety parameter (EN ISO 13849-1)	B10d values as per EN ISO 13849-1, table C.1
Suitable for	Ground mounting Distribution board installation
Climatic environmental conditions	
Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	55 °C
Ambient storage temperature - min	-30 °C
Ambient storage temperature - max	80 °C

Terminal capacities	
Terminal capacity	1.5 - 25 mm², flexible with ferrules to DIN 46228
	2.5 - 16 mm², solid
Stripping length (main cable)	14 mm
Electrical rating	
Rated breaking capacity at 400/415 V (cos phi to IEC 60947-3)	504 A
Rated breaking capacity at 500 V (cos phi to IEC 60947-3)	264 A
Rated breaking capacity at 660/690 V (cos phi to IEC 60947-3)	200 A
Rated insulation voltage (Ui)	1000 V
Rated operational current (le) at AC-21, 400 V, 415 V	63 A
Rated operational current (Ie) at AC-21, 500 V	63 A
Rated operational current (Ie) at AC-21, 690 V	63 A
Rated operational current (Ie) at AC-22, 380 V, 400 V, 415 V	63 A
Rated operational current (Ie) at AC-22, 500 V	63 A
Rated operational current (Ie) at AC-22, 690 V	63 A
Rated operational current (Ie) at AC-23A, 400 V, 415 V	63 A
Rated operational current (Ie) at AC-23A, 500 V	33 A
Rated operational current (Ie) at AC-23A, 690 V	25 A
Rated operational power at AC-23A, 400 V, 50 Hz	30 kW
Rated operational power at AC-23A, 500 V, 50 Hz	22 kW
Rated operational power at AC-23A, 690 V, 50 Hz	22 kW
Rated operational power at AC-3, 380/400 V, 50 Hz	0 kW
Rated operational voltage (Ue) at AC - max	690 V
Rated uninterrupted current (Iu)	63 A
Uninterrupted current	Rated uninterrupted current lu is specified for max. cross-section.
Short-circuit rating	
Breaking current	9.6 kA (at In = 50)
breaking current	9.7 kA (at ln = 80)
Let-through energy	Max. $44 \text{ kA}^2 \text{s}$ (at $\text{In} = 80$ ) Max. $10 \text{ kA}^2 \text{s}$ (at $\text{In} = 50$ )
Rated conditional short-circuit current (Iq)	100 kA 50 kA at ln = 80
Rated short-time withstand current (Icw)	1,5 kA, Contacts, 1 second 1.5 kA
Short-circuit protection rating	80/50, Fuse, Contacts
Contacts	
Number of auxiliary contacts (change-over contacts)	0
Number of auxiliary contacts (normally closed contacts)	0
Number of auxiliary contacts (normally open contacts)	0
Design verification	
-	AOW
Equipment heat dissipation, current-dependent Pvid	1.3 W
Heat dissipation capacity Pdiss	0 W
Heat dissipation per pole, current-dependent Pvid	6 W
Rated operational current for specified heat dissipation (In)	63 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	Meets the product standard's requirements.
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 (III) is observed

## **Technical data ETIM 9.0**

Low-voltage industrial comp	nonents (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 animotinch         "S         Yes           Version as saintenance/cavicle savich         "S         No           Version as saintenance/cavicle savich         "S         No           Version as seniergency stop installation         "S         No           Version as receign goothed         "S         1           Max. rated operation voltage Use AC         "S         60-600           Rated operation voltage Use AC         "S         60-600           Rated operation voltage Use AC         "S         60-600           Rated operation voltage Use AC         "S         90-600           Rated operation voltage Use AC         "A         80-600           Rated operation cover at AC-3,400 V         "A         90-600           Rated operation cover at AC-3,400 V         "A         90-600           Rated operation cover at AC-3,400 V         "A         90-600           Striction goover at AC-3,400 V         "A         90-600           Unimber of Jobies         "A         90-70           Number of Jobies         "A         90-70           Number of Jobies         "A         90-70           Number of Jobies         "A         90-70           Votate of vive deprivation so normally closed contact         <	[AKF060018])		
Version as safety switch           No           Version as energency sopinatalistion           No           Version as energency sopinatalistion           No           Number of switches           1           Mox, rated operation voltage Us AC           V         893-880           Rated operation voltage Us AC           V         803-880           Rated permanent current at AC-22, 400 V           A         13           Rated permanent current at AC-23, 400 V           A         13           Rated operation power at AC-23, 400 V           A         13           Rated operation power at AC-23, 400 V           A         15           Rated operation power at AC-23, 400 V           A         10           Rated operation power at AC-23, 400 V           A         10           Rated operation power at AC-23, 400 V           A         10           Nother of power at AC-23, 400 V           A         10           Nother of a power at AC-23, 400 V           A         10           Number of a swilliary contacts as normally closed contact           A         10           Number of a swilliary contacts as normally closed contact           A         10           Number of a swilliary contacts as normally closed contact           A         10           Notted of r	Version as main switch		Yes
Version as energency stop installation	Version as maintenance-/service switch		Yes
Version as reversing switch         Inc.         1           Number of switches         Inc.         1           Max. rated operation voltage Us AC         V         890           Rated operating voltage         V         890           Rated operating voltage         V         80           Rated operating voltage         V         80           Rated operating voltage         V         80           Rated operating voltage         A         30           Rated operating voltage         A         80           Rated operating power at AC-24,400 V         A         80           Rated operating power at AC-23,400 V         R         90           Switching power at AC-23,400 V         R         90           Number of auxiliary contacts as normally closed contact         R         90           Number of auxiliary contacts as normally closed contact         N         90           Motor drive optional         N         90           Motor drive optional         N         90           Switzbie for f	Version as safety switch		No
Number of switches         1           Max. rated operation whatege Us AC         V         69           Rated operation whatege Us AC         V         830 - 899           Rated permanent current at MC 23, 400 V         A         63           Rated permanent current at AC-23, 400 V         A         63           Rated operation power at AC-3, 400 V         KW         0           Rated short-time withstand current tow         KW         1.5           Rated short-time withstand current tow         KW         0           Rated short-time withstand current tow         KW         0           Rated short-time withstand current tow         KW         0           Rated operation power at AC-3, 400 V         KW         0           Switching power at 400 V         KW         0           Conditioned rated short-circuit current tow         KW         0           Number of auxiliary contacts as normally closed contact         KW         0           Number of auxiliary contacts as normally open contact         N         0           Motor drive opinoal         KW         0         0           Motor drive opinoal         KW         0         0           Woltage relasse opinoal         KW         0         0	Version as emergency stop installation		No
Max. rated operation voltage (Le AC)         V         90-800           Rated operating voltage         90-800           Rated operating voltage         AC         36-30           Rated permanent current at AC-23,400 V         AC         36-30           Rated operation power at AC-3,400 V         BC         30-30           Rated operation power at AC-3,400 V         RM         15-30           Rated operation power at AC-3,400 V         RM         15-30           Switching power at AC-3,400 V         RM         10-30           Number of poles         RM         10-30           Number of poles         RM         10-30           Number of poles         RM         10-30           Motor drive potional         RM         10-30           Motor drive potional         RM         10-30           Switzbe for form mounting         RM         10-30           Switzbe for f	Version as reversing switch		No
Rated operating voltage         V         600 - 690           Rated permanent current ta         A         3           Rated permanent current at AC-23, 400 V         A         3           Rated operation power at AC-3, 400 V         W         0           Rated operation power at AC-23, 400 V         W         0           Rated operation power at AC-23, 400 V         W         0           Switching power at 400 V         W         0           Conditioned rated short-time withstand current lq         W         0           Switching power at 400 V         W         0           Conditioned rated short-time withstand current lq         W         0           Conditioned rated short-time withstand current lq         W         0           Conditioned rated short-time with stand current lq         W         0           Number of auxiliary contacts as normally closed contact         V         0           Number of auxiliary contacts as change-over contact         V         0           Number of auxiliary contacts as change-over contact         V         0           Number of auxiliary contacts as change-over contact         V         0           Wotto drive of justice integrated         V         0           Visitude for formating seemed         V	Number of switches		1
Rated permanent current at AC-23, 400 V         A         3           Rated permanent current at AC-23, 400 V         A         3           Rated operation power at AC-3, 400 V         A         3           Rated short-time withstand current low         LA         1.5           Rated operation power at AC-23, 400 V         LW         3           Rated short-time withstand current low         LA         1.5           Rated short-directic current low         LW         0           Conditioned rated short-circuit current lq         LW         0           Conditioned rated short-circuit current lq         LW         0           Number of pales         LW         0           Number of auxiliary contacts as normally losed contact         LW         0           Number of auxiliary contacts as change-over contact         LW         0           Motor drive optional         LW         0         0           Motor drive optional         LW         0         0           Motor drive optional         LW         0         0           Suitable for four mounting         LW         0         0           Suitable for four mounting entre         LW         0         0           Suitable for intermediate mounting         LW	Max. rated operation voltage Ue AC	V	690
Rated permanent current at AC-23, 400 V         A         3           Rated permanent current at AC-24, 400 V         A         3           Rated operation power at AC-23, 400 V         KW         0           Rated operation power at AC-23, 400 V         WW         3           Switching power at AC-23, 400 V         WW         0           Switching power at 400 V         WW         0           Conditioned rated short-circuit current lq         WW         0           Number of poles         WW         0           Number of suxiliary contacts as normally closed contact         WW         0           Number of suxiliary contacts as normally closed contact         WW         0           Number of suxiliary contacts as change-over contact         WW         0           Number of suxiliary contacts as change-over contact         WW         0           Number of suxiliary contacts as change-over contact         WW         0           Number of suxiliary contacts as change-over contact         WW         0           Voltage release optional         WW         0           Suitable for from mounting         WW         0           Suitable for front mounting 4-hole         WW         0           Suitable for front mounting cantre         WW <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         A         63           Rated operation power at AC-3, 400 V         W         0           Rated short-time withstand current lew         A         1.5           Rated short-time withstand current lew         B         AW         0           Switching power at 400 V         W         0         0           Conditioned rated short-circuit current Iq         A         100         0           Number of poles         A         100         0           Number of auxiliary contacts as normally closed contact         B         0         0           Number of auxiliary contacts as change-over contact         B         0         0           Motor drive optional         B         0         0           Motor drive optional         B         0         0           Voltage release optional         B         0         0           Voltage release optional         B         0         0           Suitable for floor mounting         B         0         0           Suitable for floor mounting challer         B         0         0           Suitable for firent mounting challer         B         0         0           Suitable for distribution board installation	Rated permanent current lu	Α	63
Rated operation power at AC-3, 400 V Rated short-time withstand current low Rottleing power at AC-23, 400 V Rottleing power at AC-23, 400 V Rottleing power at 400 V Rottleing or fausiliary contacts as normally closed contact Rottlein of auxiliary contacts as normally open contact Rottlein of auxiliary contacts as normally open contact Rottlein of auxiliary contacts as change-over contact Rottlein of auxiliary contacts as normally closed contact Rottlein of auxiliary	Rated permanent current at AC-23, 400 V	Α	63
Rated short-time withstand current lcw         kA         1.5           Rated operation power at AC-23,400 V         kW         30           Switching power at 400 V         kW         0           Conditioned rated short-circuit current lq         kA         100           Number of poles         4         4           Number of poles duxiliary contacts as normally closed contact         0         9           Number of auxiliary contacts as normally open contact         0         0           Motor drive optional         0         0           Motor drive optional         0         0           Motor drive integrated         0         No           Voltage release optional         0         No           Device construction         0         No           Suitable for floor mounting         0         No           Suitable for front mounting 4-ble         No         No           Suitable for floor mounting 4-ble         No         No           Suitable for firent mounting centre         No         No           Suitable for distribution board installation         E         No           Suitable for distribution board installation         E         No           Suitable for control element         No	Rated permanent current at AC-21, 400 V	Α	63
Rated operation power at AC-23, 400 V         kW         30           Switching power at 400 V         kW         0           Conditioned rated short-circuit current Iq         kA         100           Number of poles         4         4           Number of auxiliary contacts as normally closed contact         6         0           Number of auxiliary contacts as normally open contact         6         0           Mottor drive optional         6         0         0           Motor drive optional         6         No         0           Motor drive integrated         6         No         0           Voltage release optional         6         No         0           Device construction         6         No         0           Suitable for floor mounting         6         No         0           Suitable for front mounting centre         7         No         0           Suitable for intermediate mounting         7         No         0           Suitable for intermediate mounting         7         No         0           Suitable for intermediate mounting         8         Black           Solution of control element         7         No         0           Type of electrica	Rated operation power at AC-3, 400 V	kW	0
Switching power at 400 V     kW     0       Conditioned rated short-circuit current Iq     kA     100       Number of poles     4     4       Number of auxiliary contacts as normally closed contact     5     0       Number of auxiliary contacts as normally open contact     6     0       Number of auxiliary contacts as change-over contact     6     0       Motor drive optional     7     No       Motor drive integrated     8     No       Voltage release optional     8     No       Device construction     8     No       Suitable for floor mounting     8     No       Suitable for from mounting 4-hole     8     No       Suitable for ford stribution board installation     8     No       Suitable for intermediate mounting     9     No       Colour control element     9     No       Type of electrical connection of main circuit     9     No       With pre-assembled cabling     9     No       Degree of protection (IP), front side     9     No       Degree of protection (NEMA)     9     No       With the sessential	Rated short-time withstand current lcw	kA	1.5
Conditioned rated short-circuit current Iq     kA     100       Number of poles     4     4       Number of auxiliary contacts as normally closed contact     9     0       Number of auxiliary contacts as normally open contact     9     0       Number of auxiliary contacts as change-over contact     9     0       Motor drive optional     9     No       Motor drive optional     9     No       Obtage release optional     9     No       Device construction     9     Will-in device fixed built-in technique       Suitable for floor mounting     9     No       Suitable for front mounting 4-hole     9     No       Suitable for intermediate mounting     9     No       Suitable for distribution board installation     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 control element     9     No       Type of of control element     9     No       With pre-assembled cabling     9     No       Degree of protection (IP), front side     9     No       Degree of protection (NEMA)     9     No	Rated operation power at AC-23, 400 V	kW	30
Number of poles         4           Number of auxiliary contacts as normally closed contact         0           Number of auxiliary contacts as normally open contact         0           Number of auxiliary contacts as change-over contact         0           Motor drive optional         No           Motor drive integrated         No           Voltage release optional         No           Device construction         Suitable for floor mounting           Suitable for floor mounting         Yes           Suitable for front mounting 4-hole         No           Suitable for front mounting centre         No           Suitable for intermediate mounting         No           Suitable for intermediate mounting         No           Colour control element         No           Type of control element         No           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         IP20           Degree of protection (NEMA)         Other	Switching power at 400 V	kW	0
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 optional         6         10         No           Motor drive integrated         6         No         No           Voltage release optional         6         Built-in device fixed built-in technique           Suitable for floor mounting         6         Yes           Suitable for front mounting 4-hole         7         No           Suitable for firont mounting centre         7         No           Suitable for intermediate mounting         7         Yes           Suitable for intermediate mounting         7         No           Colour control element         7         Black           Type of control element         8         Black           Type of electrical connection of main circuit         8         Short thumb-grip           Mrth pre-assembled cabling         No         Screw connection           Degree of protection (IP), front side         No         No           Degree of protection (NEMA)         No         No	Conditioned rated short-circuit current Iq	kA	100
Number of auxiliary contacts as normally open contact         0           Number of auxiliary contacts as change-over contact         0           Motor drive optional         Mo           Motor drive integrated         Mo           Voltage release optional         Mo           Device construction         Built-in device fixed built-in technique           Suitable for floor mounting         Yes           Suitable for front mounting 4-hole         No           Suitable for fixent mounting centre         No           Suitable for distribution board installation         Yes           Suitable for intermediate mounting         Yes           Colour control element         No           Type of control element         No           Type of control element         No           Type of electrical connection of main circuit         No           With pre-assembled cabling         No           Degree of protection (IP), front side         No           Degree of protection (IP), front side         Po           Degree of protection (NEMA)         Vether	Number of poles		4
Number of auxiliary contacts as change-over contact         0           Motor drive optional         No           Motor drive integrated         No           Voltage release optional         No           Device construction         Built-in device fixed built-in technique           Suitable for floor mounting         Yes           Suitable for front mounting 4-hole         No           Suitable for distribution board installation         Yes           Suitable for distribution board installation         Yes           Suitable for intermediate mounting         No           Colour control element         No           Type of control element         Short thumb-grip           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 (IP), front side         P20           Degree of protection (NEMA)         With pre-assembled cables           Width         mm         84	Number of auxiliary contacts as normally closed contact		0
Motor drive optional Motor drive integrated Voltage release optional Device construction Suitable for floor mounting Suitable for front mounting 4-hole Suitable for front mounting centre Suitable for front 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) Width Wid	Number of auxiliary contacts as normally open contact		0
Motor drive integrated       No         Voltage release optional       No         Device construction       Built-in device fixed built-in technique         Suitable for floor mounting       Yes         Suitable for front mounting 4-hole       No         Suitable for front mounting centre       No         Suitable for distribution board installation       Yes         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       IP20         Degree of protection (NEMA)       Other         Witth       mm       84	Number of auxiliary contacts as change-over contact		0
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 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 Width Width  Width  No  No  No  Sorew connection No  IP20  Other  Width  Mm  84	Motor drive optional		No
Device construction Suitable for floor mounting 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 Width Width  Width  Midth  Built-in device fixed built-in technique Yes No No No No No Suitable for intermediate mounting entre No Suitable for intermediate mounting No Short thumb-grip No Screw connection No IP20 Other Width Midth Midt	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 intermediate mounting Colour control element Type of control element Type of control element Interlockable No Type of electrical connection of main circuit With pre-assembled cabling Degree of protection (IP), front side Degree of protection (NEMA) Width  Width  M  Yes No No Serve connection No Screw connection Unber	Voltage release optional		No
Suitable for front mounting 4-hole  Suitable for front mounting centre  No  Suitable for distribution board installation  Suitable for intermediate mounting  Colour control element  Type of control element  Type of control element  No  Type of electrical connection of main circuit  With pre-assembled cabling  Degree of protection (IP), front side  Degree of protection (NEMA)  Width  Mo  No  Mo  Mo  Mo  Mo  Mo  Mo  Mo  Mo	Device construction		Built-in device fixed built-in technique
Suitable for front mounting centre  Suitable for distribution board installation  Suitable for intermediate mounting  No  Colour control element  Type of control element  Interlockable  Type of electrical connection of main circuit  With pre-assembled cabling  Degree of protection (IP), front side  Degree of protection (NEMA)  Width  Mo  No  No  No  Regree of protection (NEMA)  No  Other  Mo  Other	Suitable for floor mounting		Yes
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  Midth  Midth  Yes  No  Screw Connection  Yes  Short thumb-grip  No  Screw connection  No  Other  UP20  Other  Midth  Mmm  84	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  Width  Width  Midth  Midth  No  No  Screw connection  No  Degree of protection (NEMA)  Midth  No  Other  Midth	Suitable for front mounting centre		No
Colour control element Type of control element Interlockable Interlockable Type of electrical connection of main circuit With pre-assembled cabling Degree of protection (IP), front side Degree of protection (NEMA) Width  Midth  Midth  Black Short thumb-grip No No Ivation No Ivation No IP20 Other  Midth  Midth  Midth  Midth  Midth  Midth  Midth  Black  Short thumb-grip No Other	Suitable for distribution board installation		Yes
Type of control element Interlockable No Type of electrical connection of main circuit With pre-assembled cabling No Degree of protection (IP), front side Degree of protection (NEMA) Width Midth Midth Short thumb-grip No Screw connection Pcrew connection No Other  Material Short thumb-grip No Screw connection No No Degree of protection (IP), front side IP20 Other	Suitable for intermediate mounting		No
Interlockable Type of electrical connection of main circuit Screw connection With pre-assembled cabling No Degree of protection (IP), front side IP20 Degree of protection (NEMA) Other Width Midth Midth No Make A  We wonnection No	Colour control element		Black
Type of electrical connection of main circuit  With pre-assembled cabling  No  Degree of protection (IP), front side  Degree of protection (NEMA)  Width  mm  84	Type of control element		Short thumb-grip
With pre-assembled cabling  Degree of protection (IP), front side  Degree of protection (NEMA)  Width  Mm  84	Interlockable		No
Degree of protection (IP), front side  IP20  Degree of protection (NEMA)  Width  IP20  Other  84	Type of electrical connection of main circuit		Screw connection
Degree of protection (NEMA)  Width  Other  84	With pre-assembled cabling		No
Width mm 84	Degree of protection (IP), front side		IP20
	Degree of protection (NEMA)		Other
Height mm 74	Width	mm	84
	Height	mm	74

Depth	mm	n 146
Width in number of modular spacings		4