Switch-disconnector, DMM, 63 A, 4 pole, With blue rotary handle (Type C) and drive shaft, Vertical connection



Part no. DMM-63/4+SK

1314160

**EL Number** 

4309080

(Norway)

(Norway)	
General specifications	
Product name	Eaton DMM Switch-disconnector
Part no.	DMM-63/4+SK
EAN	8711426431652
Product Length/Depth	146 millimetre
Product height	74 millimetre
Product width	84 millimetre
Product weight	0.69 kilogram
Certifications	VDE 0660 IEC/EN 60947 IEC/EN 60947-3 IEC/EN 60204 Lloyds RoHS CE KEMA
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:	Blue rotary handle (Type C) 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	Other
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	Rear 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	Distribution board installation Ground mounting
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	9.7 kA (at In = 80)
broaking carroit	9.6 kA (at In = 50)
Let-through energy	Max. $44 \text{ kA}^2 \text{s}$ (at $1n = 80$ ) Max. $10 \text{ kA}^2 \text{s}$ (at $1n = 50$ )
Rated conditional short-circuit current (Iq)	50 kA at ln = 80 100 kA
Rated short-time withstand current (Icw)	1.5 kA 1,5 kA, Contacts, 1 second
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	
	O.W.
Equipment heat dissipation, current-dependent Pvid	0 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 a sentergency 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           Strictlein power at AC-3,400 V         "A         90-700           Unimber of Jobies         "A         90-700           Number of Jobies         "A         90-700           Number of Jobies         "A         90-700           Number of Jobies         "A         90-700           Voltage from the Control optional         "A	[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         15           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 the operation op ower at AC-23, 400 V           A         10           Nother of a operation power at AC-23, 400 V           A         10           Number of auxiliary contacts as normally closed contact           A         10           Number of auxiliary contacts as normally closed contact           A         10           Number of auxiliary contacts as normally coper contact           A         10	Version as main switch		Yes
Version as energency stop installation	Version as maintenance-/service switch		Yes
Version as reversing switch         In 1           Number of switches         In 2           Max, rated operation voltage Us AC         V         890           Rated operating voltage         V         890           Rated operating voltage         V         890           Rated operating voltage         V         80           Rated operating voltage         V         80           Rated operating voltage         X         80           Rated operating voltage         X         80           Rated operating voltage         X         80           Rated operating power at AC-24,400 V         X         90           Rated operating power at AC-23,400 V         X         90           Switching power at AC-23,400 V         X         90           Switching power at AC-23,400 V         X         10           Switching power at AC-23,400 V         X         10           Number of jours         X         10         10           Number of jours         X         10         10           Number of jours         X         10         10           Motor drive optional         X         10         10           Wort of interpretated         X         10 <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         V         698           Nated operation voltage Ue AC         V         699 - 680           Rated operation voltage Ue AC         A         6           Rated operation voltage Ue AC         A         63           Rated permanent current at AC-23,400 V         A         6           Rated operation power at AC-23,400 V         AW         0           Rated short-time withstand current tow         KW         0           Route of stand short-time withstand current tow         KW         0           Number of auxiliary contacts as normally closed contact         KW         0           Number of auxiliary contacts as normally contacts	Version as emergency stop installation		No
Max. rated operation voltage (Le AC)         V         90-800           Rated operating voltage         90-800           Rated operating voltage         40-80           Rated permanent current at AC-23,400 V         A           Rated operation power at AC-3,400 V         B           Rated operation power at AC-3,400 V         RV           Rated operation power at AC-3,400 V         RV           Subted for forted subterior current la         RV           Subted for forted subterior current la         RV           Subterior forted subterior current la         RV           Subterior forted subterior forted subterior forted subterior forted function forted subterior forted subterior forted function forted function forted functio	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           Suitable for foort mounting         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 operation power at AC-23, 400 V         LW         3           Switching power at 400 V         LW         0           Conditioned rated short-circuit current Iq         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           Number of auxiliary contacts as change-over contact         LW         0           Motor drive enjounal         LW         0         0           Motor drive opional         LW         0         0           Suitable for foor mounting         LW         0         0           Suitable for foor mounting         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 from mounting 4-hole         WW         0           Suitable for intermediate mounting         WW	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         B         1         0         0           Number of auxiliary contacts as normally closed contact         B         0         0         0           Number of auxiliary contacts as change-over contact         B         0         <	Rated permanent current lu	Α	63
Rated operation power at AC-3, 400 V         KW         1.5           Rated short-time withstand current low         KA         1.5           Rated short-time withstand current low         KW         30           Switching power at AC-23, 400 V         KW         30           Switching power at 400 V         KW         10           Conditioned rated short-circuit current lq         KW         10           Number of poles         4         4           Number of auxiliary contacts as normally closed contact         CW         10           Number of auxiliary contacts as change-over contact         CW         10           Motor drive optional         CW         10           Motor drive optional         CW         10           Voltage release optional         CW         10           Device construction         CW         10           Suitable for front mounting         CW         10           Suitable for front mounting centre         CW         10           Suitable for front mounting centre         CW         10           Suitable for intermediate mounting         CW         10           Colour control element         CW         10           Type of control element         CW         10	Rated permanent current at AC-23, 400 V	Α	63
Rated short-time withstand current low         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         0           Number of auxiliary contacts as normally open contact         0         0           Motor drive optional         W         0         0           Motor drive optional         W         0         0           Motor drive integrated         W         0         0           Voltage release optional         W         0         0           Device construction         W         0         0           Suitable for floor mounting         W         0         0           Suitable for front mounting 4-ble         No         0           Suitable for firent mounting centre         No         0           Suitable for distribution board installation         W         0           Suitable for distribution board installation         W         0         0           Color control element         N	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           Motor drive optional         6         0           Motor drive optional         6         No           Motor drive integrated         6         No           Voltage release optional         6         No           Device construction         6         No           Suitable for floor mounting         6         No           Suitable for front mounting dentre         7         No           Suitable for intermediate mounting         7         No           Colour control element         7         No           Type of electrical connection of main circuit         7         No <t< td=""><td>Rated operation power at AC-3, 400 V</td><td>kW</td><td>0</td></t<>	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     9     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       Colour control element     9     No       Type of control element     9     No       Type of 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)     No     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       Type of control element     9     No       Type of of 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 (IP), front side     9     No       Degree of protection (IP), front side	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           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         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 distribution board installation         7         Yes           Suitable for intermediate mounting         7         Yes           Suitable for intermediate mounting         7         No           Colour control element         7         No           Type of control element         8         No           Type of electrical connection of main circuit         8         No           With pre-assembled cabling         No         Screw connection           Writh pre-assembled cabling         No         No           Degree of protection (IPI, front side         No <td>Conditioned rated short-circuit current Iq</td> <td>kA</td> <td>100</td>	Conditioned rated short-circuit current Iq	kA	100
Number of auxiliary contacts as normally open contact  Number of auxiliary contacts as change-over contact  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 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 (IP), front side  Degree of protection (NEMA)  Width  Mo  O  O  O  O  O  O  O  O  O  O  O  O  O	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         Other           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         No           Degree of protection (NEMA)         No           With the d	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 first 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       Other         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	Number of auxiliary contacts as change-over contact		0
Voltage release optional  Device construction  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 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 Width  Mo  No  No  No  No  Screw 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 Type of control element Interlockable Type of electrical connection of main circuit With pre-assembled cabling Degree of protection (IP), front side United Suitable 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 Other Short thumb-grip No Screw connection No Unc Pl20 Under Under Under Width Mm  84	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  Suitable for intermediate mounting  Colour control element  Type of control element  Type of control element  No  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  mm  84	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  Short thumb-grip  Interlockable  No  Type of electrical connection of main circuit  With pre-assembled cabling  Degree of protection (IP), front side  Degree of protection (NEMA)  Width  Mm  84	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  Width  Type of distribution board installation  Yes  No  Other  Short thumb-grip  No  Screw connection  No  IP20  Other  Width  mm  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  Width	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  Other  Other  No IP20 Other  Width  mm 84	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  Mathematical Connection (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		Other
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