Main switch, P3, 100 A, rear mounting, 3 pole, 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. P3-100/V/SVB/HI11

034129

**EL Number** 1417031

(Norway)

(Norway)	
General specifications	
Product name	Eaton Moeller® series P3 Main switch
Part no.	P3-100/V/SVB/HI11
EAN	4015080341291
Product Length/Depth	150 millimetre
Product height	114 millimetre
Product width	90 millimetre
Product weight	0.498 kilogram
Certifications	CE CSA-C22.2 No. 60947-4-1-14 UL File No.: E36332 IEC/EN 60947 UL UL Category Control No.: NLRV VDE 0660 CSA Class No.: 3211-05 IEC/EN 60947-3 UL 60947-4-1 CSA-C22.2 No. 94 IEC/EN 60204 CSA CSA File No.: 012528
Product Tradename	P3
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 emergency stop installation Version as main switch
Fitted with:	Red rotary handle and yellow locking ring
Functions	Interlockable Emergency switching off function
Locking facility	Lockable in the 0 (Off) position
Number of poles	3
General information	
Accessories	Auxiliary contact or neutral conductor fitted by user.
Degree of protection	NEMA 1
Degree of protection (front side)	IP65
Lifespan, mechanical	100,000 Operations
Mounting method	Rear mounting
Mounting position	As required
Operating frequency	1200 Operations/h
Overvoltage category	III
Pollution degree	3
Rated impulse withstand voltage (Uimp)	6000 V AC
Safe isolation	440 V AC, Between the contacts, According to EN 61140
Safety parameter (EN ISO 13849-1)	B10d values as per EN ISO 13849-1, table C.1
Shock resistance	15 g, Mechanical, According to IEC/EN 60068-2-27, Half-sinusoidal shock 20 ms
Suitable for	Branch circuits, suitable as motor disconnect, (UL/CSA)
Climatic environmental conditions	
Ambient operating temperature - min	-25 °C

Ambient operating temperature - max	50 °C
Ambient operating temperature (enclosed) - min	-25 °C
Ambient operating temperature (enclosed) - max	40 °C
Climatic proofing	Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Terminal capacities	
Terminal capacity	$2 \times (1.5 - 6) \text{ mm}^2$ , flexible with ferrules to DIN 46228 $1 \times (2.5 - 35) \text{ mm}^2$ , solid or stranded 14 - 2  AWG, solid or flexible with ferrule $1 \times (1.5 - 25) \text{ mm}^2$ , flexible with ferrules to DIN 46228 $2 \times (2.5 - 10) \text{ mm}^2$ , solid or stranded
Screw size Tightening torque	M5, Terminal screw 3 Nm, Screw terminals
Electrical rating	26.5 lb-in, Screw terminals
Electrical rating  Rated breaking capacity at 220/230 V (cos phi to IEC 60947-3)	760 A
Rated breaking capacity at 400/415 V (cos phi to IEC 60947-3)	740 A
	880 A
Rated breaking capacity at 500 V (cos phi to IEC 60947-3)	
Rated breaking capacity at 660/690 V (cos phi to IEC 60947-3)	520 A
Rated operational current (le) at AC-3, 220 V, 230 V, 240 V	71 A
Rated operational current (Ie) at AC-3, 380 V, 400 V, 415 V	71 A
Rated operational current (Ie) at AC-3, 500 V	65 A
Rated operational current (Ie) at AC-3, 660 V, 690 V	23.8 A
Rated operational current (le) at AC-21, 440 V	100 A
Rated operational current (Ie) at AC-23A, 230 V	100 A
Rated operational current (le) at AC-23A, 400 V, 415 V	100 A
Rated operational current (le) at AC-23A, 500 V	96 A
Rated operational current (Ie) at AC-23A, 690 V	68 A
Rated operational current (Ie) at DC-1, load-break switches I/r = 1 ms	100 A
Rated operational current (le) at DC-23A, 24 V	50 A
Rated operational current (le) at DC-23A, 48 V	50 A
Rated operational current (Ie) at DC-23A, 60 V	50 A
Rated operational current (le) at DC-23A, 120 V	25 A
Rated operational power at AC-3, 380/400 V, 50 Hz	37 kW
Rated operational power at AC-3, 415 V, 50 Hz	37 kW
Rated operational power at AC-3, 500 V, 50 Hz	45 kW
Rated operational power at AC-3, 690 V, 50 Hz	37 kW
Rated operational power at AC-23A, 220/230 V, 50 Hz	30 kW
Rated operational power at AC-23A, 400 V, 50 Hz	55 kW
Rated operational power at AC-23A, 500 V, 50 Hz	55 kW
Rated operational power at AC-23A, 690 V, 50 Hz	55 kW
Rated operational voltage (Ue) at AC - max	690 V
Rated uninterrupted current (Iu)	100 A
Uninterrupted current	Rated uninterrupted current lu is specified for max. cross-section.
Short-circuit rating	
Rated conditional short-circuit current (Iq)	4 kA (Load side) 80 kA (Supply side)
Rated short-time withstand current (Icw)	2 kA
Short-circuit current rating (basic rating)	150A, max. Fuse, SCCR (UL/CSA) 10 kA, SCCR (UL/CSA)
Short-circuit protection rating	100 A gG/gL, Fuse, Contacts
Switching capacity	
Load rating	2 x l# (with intermittent operation class 12, 25 % duty factor) 1.6 x l# (with intermittent operation class 12, 40 % duty factor) 1.3 x l# (with intermittent operation class 12, 60 % duty factor)
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	2
Number of contacts in series at DC-23A, 120 V	3

Switching capachly fundilary contacts, percent used Switching capachly fundilary contacts, percent used Voltage are created pair in artis.  Motor ratio Assigned motor power at 1902 W Hz, 1-chase Assigned motor power at 1902 W Hz, 1-chase Assigned motor power at 2002 W W Hz, 1-chase Assigned motor power at 2002 W W Hz, 1-chase Assigned motor power at 2002 W W Hz, 1-chase Assigned motor power at 2002 W W Hz, 1-chase Assigned motor power at 2002 W W Hz, 1-chase Assigned motor power at 2002 W W Hz, 1-chase Assigned motor power at 2002 W W Hz, 1-chase Assigned motor power at 2002 W W Hz, 1-chase Assigned motor power at 2002 W W Hz, 2-chase Assigned motor power at 2002 W W Hz, 2-chase Assigned motor power at 2002 W W Hz, 2-chase Assigned motor power at 2002 W W Hz, 2-chase Assigned motor power at 2002 W W Hz, 2-chase Assigned motor power at 2002 W W Hz, 2-chase Assigned motor power at 2002 W W Hz, 2-chase Assigned motor power at 2002 W W Hz, 2-chase Assigned motor power at 2002 W W Hz, 2-chase Assigned motor power at 2002 W W Hz, 2-chase Assigned motor power at 2002 W Hz, 2-chase Assigned motor power at 2002 W W Hz, 2-chase Assigned motor power at 2002 W Hz, 2-chase Assigne	Switching capacity (main contacts, general use)	100 A, If used with neutral conductor IU = max. 90 A, Rated uninterrupted current
Secieting capacity and large contacts, piled duty!  Based making capacity up in 860 Y too pile to ECCR 8507-01  Wolkape or contact per meetin  Assigned matrix process at 115/2007, 60 Hz, 1 phase Assigned matrix process at 202000, 60 Hz, 1 phase Assigned matrix process at 202000, 60 Hz, 1 phase Assigned matrix process at 202000, 60 Hz, 1 phase Assigned matrix process at 202000, 60 Hz, 1 phase Assigned matrix process at 202000, 60 Hz, 1 phase Assigned matrix process at 202000, 60 Hz, 1 phase Assigned matrix process at 202000, 60 Hz, 1 phase Assigned matrix process at 202000, 60 Hz, 2 phase Assigned matrix process at 202000, 60 Hz, 2 phase Assigned matrix process at 202000, 60 Hz, 2 phase Assigned matrix process at 202000, 60 Hz, 2 phase Assigned matrix process at 202000, 60 Hz, 2 phase Assigned matrix process at 202000, 60 Hz, 2 phase Assigned matrix process at 202000, 60 Hz, 2 phase Assigned matrix process at 202000, 60 Hz, 2 phase Assigned matrix process at 202000, 60 Hz, 2 phase Assigned matrix process at 202000, 60 Hz, 2 phase Assigned matrix process at 202000, 60 Hz, 2 phase Assigned matrix process at 202000, 60 Hz, 2 phase Assigned matrix process at 202000, 60 Hz, 2 phase Assigned matrix process at 202000, 60 Hz, 2 phase Assigned matrix process at 202000, 60 Hz, 2 phase Assigned matrix process process at 202000, 60 Hz, 2 phase Assigned matrix process process at 202000, 60 Hz, 2 phase Assigned matrix process pro		max. (UL/CSA)
ADDITIONAL PRINTED BY TO SERVE (Into gall to IEC/IEN 60947-3)  Wilding rure censest pair in series  Wilding rure censest pair in series  Assigned motor proces at 115/181 V.08 Hz. 1 phase Assigned motor proces at 200200 V.08 Hz. 2 phase Assigned motor proces at 20020 V.08 Hz. 2 phase Assigned motor proces at 200200 V.08 Hz. 2 phas		
Woltage per sartact pair in serse  Whotar cating  Sappear motor power at 115/1201 / 081 Hz. 1 -phase Assigned motor power at 120/2201 / 081 Hz. 1 -phase Assigned motor power at 200/2201 / 081 Hz. 1 -phase Assigned motor power	Switching capacity (auxiliary contacts, pilot duty)	
Assigned motor power at 119/10 x 59 Hz, 1-phase 5 HP   Assigned motor power at 200/20 x 50 Hz, 1-phase 10 HP   Assigned motor power at 200/20 x 50 Hz, 3-phase 20 HP   Assigned motor power at 200/20	Rated making capacity up to 690 V (cos phi to IEC/EN 60947-3)	950 A
Assignment motor power at 1119/28 V, 50 Hz, 1-phase 10 HP Assignment motor power at 2000/88 V, 50 Hz, 1-phase 20 HP Assignment motor power at 2000/88 V, 50 Hz, 2-phase 20 HP Assignment motor power at 2000/88 V, 50 Hz, 2-phase 21 HP Assignment motor power at 2000/88 V, 50 Hz, 2-phase 21 HP Assignment motor power at 2000/88 V, 50 Hz, 2-phase 21 HP Assignment motor power at 2000/88 V, 50 Hz, 2-phase 21 HP Assignment motor power at 2000/88 V, 50 Hz, 2-phase 21 HP Assignment motor power at 2000/88 V, 50 Hz, 2-phase 20 HP Assignment motor	Voltage per contact pair in series	60 V
Assigned motor power at 200000 V, 60 Hz, 1-phase 20 HP Assigned motor power at 200000 V, 60 Hz, 3-phase 20 HP Assigned motor power at 200040 V, 60 Hz, 3-phase 51 HP Assigned motor power at 200040 V, 60 Hz, 3-phase 60 HP Assigned motor power at 200040 V, 60 Hz, 3-phase 60 HP Assigned motor power at 200040 V, 60 Hz, 3-phase 75 HP  Contacts  Control circuit mishality  Munifer of auxiliary contacts (change-over contacts) 0 IP Assigned motor power at 200040 V, 60 Hz, 3-phase 75 HP  Contacts  Control circuit mishality  Munifer of auxiliary contacts (change-over contacts) 0 IP Actuator  Actuator  Actuator  Actuator  Actuator colar  Actuator to auxiliary contacts (change-over contacts) 1 IP Actuator  Actuator colar  Actuator colar  Actuator colar  Actuator colar  Actuator colar  Actuator colar  Actuator, one page contacts (change-over contacts) 1 IP Actuator  Design verification  Design verification presistance of mishality of enclorance  Design verification of demand stability of enclorance  Design verification of demand stability of enclorance  Design verification of demand stability of enclorance  Design verification of demand very perification of des	Motor rating	
Assigned mater power at 2002/28 V, 50 Hz, 5-phase Assigned mater power at 2002/28 V, 50 Hz, 5-phase Assigned mater power at 2002/28 V, 50 Hz, 5-phase Assigned mater power at 2002/28 V, 50 Hz, 5-phase Assigned mater power at 2002/28 V, 50 Hz, 5-phase Assigned mater power at 2002/28 V, 50 Hz, 5-phase Assigned mater power at 5004/80 V, 50 Hz, 5-phase Assigned mater power at 5004/80 V, 50 Hz, 5-phase  Control circuit reliability I failure per 100,000 evit ching operations statistically determined, at 24 V 50, 10 mA)  Number of suciliary contacts (change-over contacts)  Number of suciliary contacts (normally closed contacts)  Number of suciliary contacts (normally closed contacts)  Number of suciliary contacts (normally closed contacts)  Actuator  Actuator color  Actuator color  Actuator power at 2002/28 V, 50 Hz,	Assigned motor power at 115/120 V, 60 Hz, 1-phase	5 HP
Assigned motor power at 230,240 V, 50 Hz, 1-phase Assigned motor power at 230,240 V, 50 Hz, 3-phase Assigned motor power at 230,240 V, 50 Hz, 3-phase BH P Assigned motor power at 50,960 V, 50 Hz, 3-phase PAssigned motor power at 50,960 V, 50 Hz, 3-phase PASSIGNED MOTOR POWER AT 50,960 V, 50 Hz, 3-phase PASSIGNED MOTOR POWER AT 50,960 V, 50 Hz, 3-phase PASSIGNED MOTOR POWER AT 50,960 V, 50 Hz, 3-phase PASSIGNED MOTOR POWER AT 50,960 V, 50 Hz, 3-phase PASSIGNED MOTOR POWER AT 50,960 V, 50 Hz, 3-phase PASSIGNED MOTOR POWER AT 50,960 V, 50 Hz, 3-phase PASSIGNED MOTOR POWER AT 50,960 V, 50 Hz, 3-phase PASSIGNED MOTOR POWER AT 50,960 V, 50 Hz, 3-phase PASSIGNED MOTOR POWER AT 50,960 V, 50 Hz, 3-phase PASSIGNED MOTOR POWER AT 50,960 V, 50 Hz, 3-phase PASSIGNED MOTOR POWER AT 50,960 V, 50 Hz, 3-phase PASSIGNED MOTOR POWER AT 50,960 V, 50 Hz, 3-phase PASSIGNED MOTOR POWER AT 50,960 V, 50 Hz, 3-phase PASSIGNED MOTOR POWER AT 50,960 V, 50 Hz, 3-phase PASSIGNED MOTOR POWER AT 50,960 V, 50 Hz, 3-phase PASSIGNED MOTOR POWER AT 50 Hz, 3-phase PA	Assigned motor power at 200/208 V, 60 Hz, 1-phase	10 HP
Assigned motor power at 230/240 V, 80 Hz, 3-phase Assigned motor power at 230/240 V, 80 Hz, 3-phase Assigned motor power at 575-800 V, 60 Hz, 3-phase Assigned motor power at 575-800 V, 60 Hz, 3-phase Assigned motor power at 575-800 V, 60 Hz, 3-phase  Contacts  Control circuit reliability  Number of auxiliary contacts (change-over contacts)  Number of auxiliary contacts (change-over contacts)  Number of auxiliary contacts (phampilly clased contacts)  Number of auxiliary contacts (phampilly clased contacts)  1 1  Actuator  Actuator vipe  Deor coupling rotary drive  Deor coupling rotary	Assigned motor power at 200/208 V, 60 Hz, 3-phase	20 HP
Assigned motor power at \$57,800 V, 80 Hz, 3-ghase Assigned motor power at \$57,800 V, 80 Hz, 3-ghase Contracts Contract incrinal reliability I failure per 100,000 switching operations statistically determined, at 24 V DC, 10 mAI Number of auxiliary contacts (change-over contacts) O Number of auxiliary contacts (change-over contacts) Number of auxiliary contacts (change-over contacts) Number of auxiliary contacts (change-over contacts) Actuator Actuator very Actuator Actuator very Actuator Actuator very Actuator Act	Assigned motor power at 230/240 V, 60 Hz, 1-phase	15 HP
Assigned motor power at \$75\500 V. 60 Hz, 3-phase  Control circuit reliability  Number of auxiliary centracts (change-over contacts)  Number of auxiliary centracts (change-over contacts)  Number of auxiliary centracts (normally closed contacts)  Number of auxiliary centracts (normally open contacts)  Actuator  Actuator color  Actuator color  Actuator ye  Design verification  Equipment heat dissipation, current-dependent Pvid  OW  Heat dissipation capacity Pdies  Heat dissipation capacity Pdies  Down contacts and surrent for specified heat dissipation (in)  Static heat dissipation or criem-dependent Pvid  Ratid operational current for specified heat dissipation (in)  10.2.1 Verification of thermal stability of enclosures  10.2.3 Verification of thermal stability of enclosures  10.2.3 Resist in a static and a static product standard's requirements.  10.2.3 Resist contact dissipation or resistance of insulating naturals to normal heat  10.2.3 Resistance of insulating naturals to normal heat  10.2.3 Resistance of insulating naturals to normal heat  10.2.3 Resistance in outer-violet (IVI'r adiation  10.2.5 Rechanceal impact  10.2.5 Rechanceal impact  10.2.6 Rechanceal impact  10.2.7 Inscriptions  Meets the product standard's requirements.  10.2.8 Descriptions  Meets the product standard's requirements.  10.2.9 Rechanceal impact  10.10 Compensation of assemblies  Does not apply, since the onities owitchepar needs to be evaluated.  10.2.5 Rechanceal impact  10.5 Protection against electric shock  Does not apply, since the entire switchepar needs to be evaluated.  10.6 Connections for exercise and compenses  10.7 Internal electrical circuits and connections  10.8 Lepane builder's responsibility.  10.9 Internal electrical circuits and connections  10.1 Internal electrical circuits and connections  10.2 Rechanceal electrical circuits and connections  10.3 Reparts of protection of assemblies  10.4 Clearances and circuits and connections  10.5 Rechanceal electrical circuits and connections  10.6 Rechanceal electrical circu	Assigned motor power at 230/240 V, 60 Hz, 3-phase	25 HP
Contracts  Control circuit reliability Number of auxiliary contacts (change-over contacts) Number of auxiliary contacts (change-over contacts) 1 Number of auxiliary contacts (normally closed contects) 1 Number of auxiliary contacts (normally closed contects) 1 Actuator color Actuator type Doc coupling rotary drive  Besign verification  Equipment adisplation, current-dependent Pvid OW Heat dissipation op pole, current-dependent Pvid OW Heat dissipation por pole, current-dependent Pvid OW Statis heat dissipation, non-current-dependent Pvid OW Statis heat dissipation on probe, current-dependent Pvid OW Statis heat dissipation, non-current-dependent Pvid OW Statis heat dissipation, non-current-dependent Pvid OW Statis heat dissipation, non-current-dependent Pvid OW Statis heat dissipation on them all stability of enclosures Meets the product standard's requirements.  UV resistance only in connection with protective shield.  UV resistance only in connection with protective shield.  Does not apply, since the entire switchger needs to be evaluated.  Does not apply, since the entire switchger needs to be evaluated.  Does not apply, since the entire switchger needs to be evaluated.  Does not apply, since the entire switchger needs to be evaluated.  Does not apply, since the entire switchger needs to be evaluated.  Does not apply, since the entire switchger needs to be evaluated.  Does not apply, since the entire switchger needs to be evaluated.  Does not apply, since the entire switchger needs to be evaluated.  In Internal electric shock Does not apply, since the entire switchger needs to be evaluated.  In Internal electric discusted and components Does not apply, since the entire switchger needs to be evaluated.  In Internal electric discusted and components Does not apply, since the entire switchger needs to be evaluated.  In the panel builder's responsibi	Assigned motor power at 460/480 V, 60 Hz, 3-phase	60 HP
Control circuit reliability  1 failure per 100,000 awtiching operations statistically determined, at 24 V DC, 10 nnA)  Number of auxiliary contacts (change-over contacts)  0 Number of auxiliary contacts (normally closed contacts)  1 Number of auxiliary contacts (normally closed contacts)  1 Actuator  Actuator  Actuator vipe  Door coupling ratary drive  Dosign verificaction  Equipment heat dissipation, current-dependent Pvid  10 W  Heat dissipation capacity Pfitss  0 W  Heat dissipation capacity Pfitss  0 W  Rated perational current-dependent Pvid  100 A  Static heat dissipation, non-current-dependent Pvid  102.2 Corrosion resistance  102.3 Verification of resistance of insulating materials to normal heat  102.3.2 Verification of resistance of insulating materials to normal heat  102.3.3 Resist of insul. mat to abnormal heat/fire by internal elect. effects  102.5 Utilize  102.5 Utilize  102.5 Utilize  102.6 Mechanical impact  102.6 Mechanical impact  102.7 Inscriptions  Meets the product standard's requirements.  102.6 Mechanical impact  103.0 Does not apply, since the entire switchgear needs to be evaluated.  104.0 Clearance and creepage distances  Meets the product standard's requirements.  105.1 Rescriptions  Meets the product standard's requirements.  105.2 Notes the entire switchgear needs to be evaluated.  106.1 Clearance and creepage distances  Meets the product standard is requirements.  107.1 Inscriptions  Meets the product standard is requirements.  108.5 Protection and assemblies  109.6 Clearance and creepage distances  Meets the product standard is requirements.  109.7 Inscriptions in the entire switchgear needs to be evaluated.  109.7 Inscriptions in the entire switchgear needs to be evaluated.  109.8 Clearance and creepage distances  Meets the product standard is requirements.  109.8 Protection against electric shock  Does not apply, since the entire switchgear needs to be evaluated.  109.9 Inscription of switching devices and components  109.9 Protection and switching meets to be evaluated.  109.1	Assigned motor power at 575/600 V, 60 Hz, 3-phase	75 HP
Number of auxiliary contacts (change over contacts)  Number of auxiliary contacts (normally closed contacts)  Actuator  Actuator our Actuator type  Design verification  Equipment heat dissipation, current-dependent Pvid  Heat dissipation per pole, current-dependent Pvid  Retad operational current for specified heat dissipation (numeric dependent Pvid  Retad operational current for specified heat dissipation (numeric dependent Pvid  Retad operational current for specified heat dissipation (nl)  Rated dissipation, one-current-dependent Pvi  10.2.3 I Verification of thermal stability of enclosures  Meets the product standard's requirements.  10.2.3.1 Verification of resistance of insulating materials to normal heat  10.2.3 I Verification of resistance of insulating materials to normal heat  10.2.3.2 Verification of resistance of insulating materials to normal heat  10.2.3 I Verification of resistance of insulating materials to normal heat  10.2.3 I Verification of resistance of insulating materials to normal heat  10.2.4 Resistance to ultra-violal (UVI) radiation  10.2.5 Lifting  Dees not apply, since the entire switchgear needs to be evaluated.  Meets the product standard's requirements.  10.2 Prosection against electric shock  Dees not apply, since the entire switchgear needs to be evaluated.  10.5 Protection against electric shock  Dees not apply, since the entire switchgear needs to be evaluated.  10.6 Incorporation for switching devices and compections  10.7 Internal electrical circuits and connections  10.8 Incorporation of switching devices and compenents  10.9 Temperature r	Contacts	
Number of suciliary contacts (normally closed contacts)  Number of suciliary contacts (normally open contacts)  Actuator  Red Actuator color Actuator type  Design verification  Equipment heat dissipation, current-dependent Pvid  Read dissipation capacity Pdiss  Red Actuator (price of the state of the st	Control circuit reliability	
Actuator Actuator color Actuator rotor Actuator rype Design verification  Equipment heat dissipation, current-dependent Pvid OW Heat dissipation per pole, current-dependent Pvid 7.5 W Heat dissipation per pole, current-dependent Pvid OW Static heat dissipation clarrent or specified heat dissipation (n) 100 A Static heat dissipation or resistance OW 10.2.2 Torraion 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 or resistance Meets the product standard's requirements. 10.2.3.2 Verification or distrance of insulating materials to normal heat Meets the product standard's requirements. 10.2.3.2 Verification or resistance Meets the product standard's requirements. 10.2.3.2 Feets or resistance or insulating materials to normal heat Meets the product standard's requirements. 10.2.3.2 Feets or resistance or insulating materials to normal heat Meets the product standard's requirements. 10.2.3 Feets or insul. mat to abnormal heat/fire by intornal elect. effects Moust the product standard's requirements. 10.2.4 Resistance to ultra-violot (UV) radiation UV resistance only in connection with protection shield. 10.2.5 Intimal product standard's requirements. 10.3.6 Meets the product standard's requirements. 10.3.6 Protection of assemblies 10.3 Protection of assemblies 10.4 Clearances and creapgage distances 10.5 Protection of assemblies 10.6 Incorporation of switching devices and components 10.8 Protection against electric shook 10.6 Incorporation of switching devices and components 10.7 Internal electrical circuits and connections 10.8 Protection against electric strength 10.9 Temperature rise 10.9 Protection against electric strength 10.9 Temperature rise 10.9 Temperature rise 10.9 Temperatu	Number of auxiliary contacts (change-over contacts)	0
Actuator color Actuator color Actuator type Design verification Equipment hear dissipation, current-dependent Pvid Heat dissipation per pole, current-dependent Pvid Heat dissipation, per pole, current-dependent Pvid Heat dissipation, non-current-dependent Pvid Rated operational current for specified heat dissipation (In) Static heat dissipation, non-current-dependent Pvid Rated operational current for specified heat dissipation (In) Static heat dissipation, non-current-dependent Pvid Rated operational current for specified heat dissipation (In) Static heat dissipation, non-current-dependent Pvid Rated operational current for specified heat dissipation (In) Static heat dissipation, non-current-dependent Pvid Rated operational current for specified heat dissipation (In) Static heat dissipation, non-current-dependent Pvid Rated dissipation, non-current dependent Pvid Rated dissipation, non-current-dependent Pvid Rated dissipation, non-current Rated Ra	Number of auxiliary contacts (normally closed contacts)	1
Actuator color Actuator type  Design verification  Equipment heat dissipation, current-dependent Pvid  Heat dissipation capacity Pdiss  DoW  Heat dissipation capacity Pdiss  DoW  Rated operational current for specified heat dissipation (In)  Static heat dissipation per pole, current-dependent Pvid  Rated operational current for specified heat dissipation (In)  Static heat dissipation, nor-current-dependent Pvs  DoW  Rated operational current for specified heat dissipation (In)  Static heat dissipation, nor-current-dependent Pvs  DoW  Rated operational current for specified heat dissipation (In)  Static heat dissipation, nor-current-dependent Pvs  DoW  Rated operational current for specified heat dissipation (In)  Static heat dissipation, nor-current-dependent Pvs  DoW  Rated operational current for specified heat dissipation (In)  Static heat dissipation, nor-current-dependent Pvs  DoW  Meets the product standard's requirements.  Meets the product standard's requirements.  Meets the product standard's requirements.  Does not apply, since the entire switchgear needs to be ovaluated.  DoS not apply, since the entire switchgear needs to be ovaluated.  DoS not apply, since the entire switchgear needs to be evaluated.  DoS not apply, since the entire switchgear needs to be evaluated.  DoS not apply, since the entire switchgear needs to be evaluated.  DoS not apply, since the entire switchgear needs to be evaluated.  DoS not apply, since the entire switchgear needs to be evaluated.  DoS not apply, since the entire switchgear needs to be evaluated.  DoS not apply, since the entire switchgear needs to be evaluated.  DoS not apply, since the entire switchgear needs to be evaluated.  DoS not apply, since the entire switchgear needs to be evaluated.  DoS not apply, since the entire switchgear needs to be evaluated.  DoS not apply, since the entire switchgear needs to be evaluated.  DoS not apply, since the entire switchgear needs to be evaluated.  DoS not apply, since the entire switchgear needs to be evaluated.  DoS not	Number of auxiliary contacts (normally open contacts)	1
Design verification  Equipment heat dissipation, current-dependent Pvid Heat dissipation, capacity Pfelss OW Heat dissipation per pole, current-dependent Pvid Rated operational current for specified heat dissipation (In) Static heat dissipation, non-current-dependent Pvs OW 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. 10.2.3.2 Service of resistance of insulating materials to normal heat 10.2.3.2 Norfication of resistance of insulating materials to normal heat 10.2.3.2 Norfication of resistance of insulating materials to normal heat 10.2.3.2 Norfication of resistance of insulating materials to normal heat 10.2.3.2 Norfication of resistance of insulating materials to normal heat 10.2.3.2 Norfication of resistance of insulating materials to normal heat 10.2.3.2 Norfication of resistance of insulating materials to normal heat 10.2.3.2 Norfication of resistance of insulating materials to normal heat 10.2.4 Norfication of verification of the product standard's requirements. 10.2.4 Norfication of unitra-violet (UV) radiation 10.2.5 Litting Does not apply, since the entire switchgear needs to be evaluated. 10.2.5 Litting Does not apply, since the entire switchgear needs to be evaluated. 10.3 Degree of protection of assemblies Does not apply, since the entire switchgear needs to be evaluated. 10.4 Clearances and crepage distances Meets the product standard's requirements. 10.5 Protection against electric alcricuits and connections 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 10.7 Internal electrical circuits and connections 10.8 Lepanel builder's responsibility. 10.9 Prover-frequency electric strength 10.9 Prover-frequency electric strength 10.9 Prover-frequency elec	Actuator	
Equipment heat dissipation, current-dependent Pvid  Heat dissipation, capacity Pdiss  0 W  Heat dissipation capacity Pdiss  0 W  Rated operational current for specified heat dissipation (In)  Static heat dissipation, non-current-dependent Pvid  7.5 W  Rated operational current for specified heat dissipation (In)  Static heat dissipation, non-current-dependent Pvis  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  10.2.3.2 Verification of resistance of insulating materials to normal heat  10.2.3.3 Resist, of insult, mat to abnormal heat/fire by internal elect, effects  10.2.4 Resistance to ultra-violet (UV) rediation  10.2.5 Lifting  10.2.6 Mechanical impact  10.2.6 Mechanical impact  10.2.7 Inscriptions  Meets the product standard's requirements.  10.3.0 Degree of protection of assemblies  10.3.0 Degree of protection of assemblies  10.4 Clearances and creepage distances  Meets the product standard's requirements.  10.5 Protection against electric shock  10.6 Ronorporation of switching devices and components  10.7 Internal electrical circuits and connections  10.8 Connections for external conductors  10.9 Power-frequency electric strength  10.10 Temperature rise  The panel builder's responsibility.  10.10 Temperature rise  The panel builder's responsibility.  10.10 Temperature rise  The panel builder's responsibility.  10.11 Short-circuit rating  10.12 Electromagnetic compatibility  10.13 Mechanical function  The device meets the requirements, provided the information in the instruction	Actuator color	Red
Equipment heat dissipation, current-dependent Pvid  Heat dissipation capacity Pdiss  0 W  Rated operational current for specified heat dissipation (In)  Static heat dissipation, non-current-dependent Pvid  Rated operational current for specified heat dissipation (In)  100 A  Static heat dissipation, non-current-dependent Pvs  102.2 Corrosion resistance  Meets the product standard's requirements.  102.3.1 Verification of thermal stability of enclosures  Meets the product standard's requirements.  102.3.2 Verification of resistance of insulating materials to normal heat  102.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects  102.4 Resistance to ultra-violet (UV) radiation  102.5 Liffing  Does not apply, since the entire switchgear needs to be evaluated.  102.6 Mechanical impact  102.7 Inscriptions  Meets the product standard's requirements.  103.0 Begree of protection of assemblies  104.0 Clearances and creepage distances  Meets the product standard's requirements.  105.0 Protection against electric shock  106.1 Rocoproarison of assemblies  107.1 Internal electric shock  108.2 Rower-frequency electric shock  109.2 Romanical fining devices and components  109.3 Romanical fining devices and components  109.4 Testing of enclosures made of insulating material  109.4 Testing of enclosures made of insulating material  109.1 Thermal electric accounts and connections  109.4 Testing of enclosures made of insulating material  109.5 Temperature rise  109.6 Temperature rise  109.6 Temperature rise  109.7 The panel builder's responsibility.  109.8 Temperature rise  109.9 Temperature rise  109.1 The panel builder's responsibility.  109.1 Temperature rise  109.1 The panel builder's responsibility.  109.2 The panel builder's responsibility.  109.3 The panel builder's responsibility.  109.4 Testing of enclosures made of insulating material  109.5 Temperature rise  109.6 Temperature rise calculation. Eaton will provide heat dissipation data for the devices.  109.1 The panel builder's responsibility.  109.	Actuator type	Door coupling rotary drive
Heat dissipation capacity Pdiss  Heat dissipation per pole, current-dependent Pvid  7.5 W  Rated operational current for specified heat dissipation (In)  100 A  Static heat dissipation, non-current-dependent Pvs  0 W  10.22 Corrosion resistance  Meets the product standard's requirements.  102.3.1 Verification of thermal stability of enclosures  102.3.2 Verification of resistance of insulating materials to normal heat  102.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects  Meets the product standard's requirements.  102.3.2 Resistance to ultra-violet (UV) radiation  UV resistance only in connection with protective shield.  102.5 Lifting  Does not apply, since the entire switchgear needs to be evaluated.  102.6 Mechanical impact  Does not apply, since the entire switchgear needs to be evaluated.  102.7 Inscriptions  Meets the product standard's requirements.  103.0 Degree of protection of assemblies  Does not apply, since the entire switchgear needs to be evaluated.  104.0 Clearances and creepage distances  Meets the product standard's requirements.  105.9 Frotection against electric shock  Does not apply, since the entire switchgear needs to be evaluated.  106.1 Incorporation of switching devices and components  Does not apply, since the entire switchgear needs to be evaluated.  107.1 Internal electrical circuits and connections  108.1 Incorporation of switching devices and components  Does not apply, since the entire switchgear needs to be evaluated.  109.2 Power-frequency electric strength  109.2 Power-frequency electric strength  109.3 Impulse withstand voltage  109.4 Testing of enclosures made of insulating material  109.4 Testing of enclosures made of insulating material  101.1 Short-circuit rating  102.2 Lectromagnetic compatibility  103.4 Testing of enclosures made of insulating material  104.1 Electromagnetic compatibility  105.1 Short-circuit rating  106.1 Short-circuit rating  107.1 Short-circuit rating  108.1 Short-circuit rating  109.1 Short-circuit rating  109.1 Short-circu	Design verification	
Heat dissipation per pole, current-dependent Pvid Rated operational current for specified heat dissipation (In) Static heat dissipation, non-current-dependent Pvs  0 W  Meets the product standard's requirements.  10.2.3.1 Verification of thermal stability of enclosures  10.2.3.2 Verification of resistance of insulating materials to normal heat  10.2.3.2 Verification of resistance of insulating materials to normal heat  10.2.3.2 Verification of resistance of insulating materials to normal heat  10.2.3.3 Resist. of insul. mat. to abnormal heatfire by internal elect. effects  10.2.4 Resistance to ultra-violet (UV) radiation  10.2.5 Lifting  10.2.5 Lifting  10.2.5 Lifting  10.2.6 Mechanical impact  10.2.7 Inscriptions  10.2.8 Meets the product standard's requirements.  10.3.0 Egree of protection of assemblies  10.3.0 Egree of protection of assemblies  10.4 Clearances and creepage distances  10.5 Protection against electric shock  10.6 Incorporation of switching devices and components  10.7 Internal electrical circuits and comnections  10.8 Incorporation of switching devices and components  10.9 Power-frequency electric strength  10.9 Owner-frequency electric strength  10.9 Impulse withstand voltage  10.9.4 Testing of enclosures made of insulating material  10.9 Impulse withstand voltage  10.9 Internal electrical circuits and of insulating material  10.10 Temperature rise  The panel builder's responsibility.  10.11 Short-circuit rating  10.12 Electromagnetic compatibility  10.13 Mechanical function  The device meets the requirements, provided the information in the instruction  10.13 Mechanical function  The device meets the requirements, provided the information in the instruction	Equipment heat dissipation, current-dependent Pvid	0 W
Rated operational current for specified heat dissipation (In)  Static heat dissipation, non-current-dependent Pvs  0 W  10.22 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  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.  10.2.7 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 Frotection 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.  10.9.4 Testing of enclosures made of insulating material  10.10 Temperature rise  The panel builder's responsibility.  10.11 Short-circuit rating  Is the panel builder's responsibility.  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	Heat dissipation capacity Pdiss	0 W
Static heat dissipation, non-current-dependent Pvs  10.2.2 Corrosion resistance  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  10.2.3.3 Resists of insul. mat. to abnormal heat/fire by internal elect. effects  10.2.4 Resistance to ultra-violet (UV) radiation  10.2.5 Lifting  10.2.6 Mechanical impact  10.2.7 Inscriptions  10.3 Degree of protection of assemblies  10.3 Degree of protection of assemblies  10.4 Clearances and creepage distances  10.5 Protection against electric shock  10.6 Incorporation of switching devices and components  10.7 Internal electrical circuits and connections  10.8 Connections for external conductors  10.9 Power-frequency electric strength  10.9.1 Testing of enclosures made of insulating material  10.9.4 Testing of enclosures made of insulating material  10.11 Short-circuit rating  10.12 Electromagnetic compatibility  10.13 Mechanical function  10.13 Mechanical function  10.14 Mechanical function  10.15 Mechanical function  10.16 Meets the product standard's requirements.  10.17 Internal electrical circuits and connections  10.18 Lepanel builder's responsibility.  10.19 Lepanel builder's responsibility.  10.10 Temperature rise  10.10 Temperature rise  10.11 Short-circuit rating  10.12 Electromagnetic compatibility  10.13 Mechanical function  10.14 Mechanical function  10.15 Mechanical function  10.16 Meets the product standard's requirements.  10.17 Meets the product standard's requirements.  10.18 Meets the product standard's requirements.  10.19 Meets the product standard's requirements.  10.20 Power-frequency electric shock  10.21 Des not apply, since the entire switchgear needs to be evaluated.  10.22 Power-frequency electric strength  10.24 Testing of enclosures made of insulating material  10.25 Meets the panel builder's responsibility.  10.26 Meets the product standard's requirements.  10.27 Meets the product standard's requirements.  10.28 Power-freq	Heat dissipation per pole, current-dependent Pvid	7.5 W
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10.2.3.1 Verification of thermal stability of enclosures 10.2.3.2 Verification of resistance of insulating materials to normal heat 10.2.3.3 Resist. of insul. mat to abnormal heat/fire by internal elect. effects 10.2.4 Resistance to ultra-violet (UV) radiation 10.2.5 Lifting 10.2.5 Lifting 10.2.6 Mechanical impact 10.2.7 Inscriptions 10.3 Degree of protection of assemblies 10.4 Clearances and creepage distances 10.5 Protection against electric shock 10.6 Incorporation of switching devices and components 10.6 Incorporation of switching devices and components 10.7 Internal electrical circuits and connections 10.8 Connections for external conductors 10.9 Power-frequency electric strength 10.9.1 Testing of enclosures made of insulating material 10.9.4 Testing of enclosures made of insulating material 10.10 Temperature rise 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.13 Mechanical function 10.13 Mechanical function 10.13 Mechanical function 10.13 Mechanical function  Meets the product standard's requirements.  Meets the product standard's requirements.  UV resistance only in connection with protective shield.  UV resistance only in connection with product standard's requirements.  UV resistance only in connection with product standard's requirements.  Meets the product standard's requirements.  Meets the product standard's requirements.  Meets the product standard's requirements.  Does not apply, since the entire switchgear needs to be evaluated.  Does not apply, since the entire switchgear needs to be evaluated.  Does not apply, since the entire switchgear needs to be evaluated.  It the panel builder's responsibility.  Is the panel builder's responsibility.  Is the panel builder's responsibility.  Is the panel builder's responsibility.  The panel builder's responsibility. The specifications for the switchgear must be observed.  In the panel builder's responsibility. The specifications for the switchgear must be observed.	Static heat dissipation, non-current-dependent Pvs	0 W
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Meets the product standard's requirements.  10.2.4 Resistance to ultra-violet (UV) radiation  10.2.5 Lifting  10.2.6 Mechanical impact  10.2.7 Inscriptions  10.3 Degree of protection of assemblies  10.4. Clearances and creepage distances  10.5 Protection against electric shock  10.6 Incorporation of switching devices and components  10.7 Internal electrical circuits and connections  10.8 Connections for external conductors  10.9.2 Power-frequency electric strength  10.9.3 Impulse withstand voltage  10.9.1 Testing of enclosures made of insulating material  10.10 Temperature rise  10.11 Short-circuit rating  10.12 Electromagnetic compatibility  10.13 Mechanical function  Meets the product standard's requirements.  Does not apply, since the entire switchgear needs to be evaluated.  Meets the product standard's requirements.  Does not apply, since the entire switchgear needs to be evaluated.  Does not apply, since the entire switchgear needs to be evaluated.  Is the panel builder's responsibility.  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	10.2.3.1 Verification of thermal stability of enclosures	Meets the product standard's requirements.
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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.  10.9.2 Power-frequency electric strength  Is the panel builder's responsibility.  10.9.3 Impulse withstand voltage  Is the panel builder's responsibility.  10.10 Temperature rise  The panel builder's responsibility.  10.10 Temperature rise  The panel builder's responsibility.  10.11 Short-circuit rating  Is the panel builder's responsibility. The specifications for the switchgear must be observed.  10.12 Electromagnetic compatibility  The device meets the requirements, provided the information in the instruction of the device meets the requirements, provided the information in the instruction.	10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects	Meets the product standard's requirements.
10.2.6 Mechanical impact  10.2.7 Inscriptions  Meets the product standard's requirements.  10.3 Degree of protection of assemblies  10.4 Clearances and creepage distances  Meets the product standard's requirements.  10.5 Protection against electric shock  10.6 Incorporation of switching devices and components  10.7 Internal electrical circuits and connections  10.8 Connections for external conductors  10.9.2 Power-frequency electric strength  10.9.3 Impulse withstand voltage  10.9.4 Testing of enclosures made of insulating material  10.10 Temperature rise  10.11 Short-circuit rating  10.12 Electromagnetic compatibility  10.13 Mechanical function  10.13 Mechanical function  10.13 Mechanical function  10.14 Metes the product standard's requirements.  10.2 Does not apply, since the entire switchgear needs to be evaluated.  10.5 Protection against electric strength one and apply, since the entire switchgear needs to be evaluated.  10.6 Incorporation of switching devices and components  10.6 Incorporation of switching are needs to be evaluated.  10.6 Incorporation of switching are needs to be evaluated.  10.6 Incorporation of switchgear needs to be evaluated.  10.8 Connections of ending specification of the switchgear needs to be evaluated.  10.10 Famper switchgear needs to be evaluated.  10.11 Short-circuit rating  10.12 Electromagnetic compatibility.  10.13 Mechanical function  10.14 Mechanical function  10.15 Mechanical function  10.16 Mechanical function  10.17 Mechanical function  10.18 The device meets the	10.2.4 Resistance to ultra-violet (UV) radiation	UV resistance only in connection with protective shield.
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.  Meets the product standard's requirements.  Does not apply, since the entire switchgear needs to be evaluated.  Does not apply, since the entire switchgear needs to be evaluated.  Does not apply, since the entire switchgear needs to be evaluated.  Does not apply, since the entire switchgear needs to be evaluated.  In Internal electrical circuits and connections  Is the panel builder's responsibility.  Descriptions for external conductors  Is the panel builder's responsibility.  In 19.2 Power-frequency electric strength  Is the panel builder's responsibility.  Descriptions for external conductors  Is the panel builder's responsibility.  Descriptions for external conductors  Is the panel builder's responsibility.  Descriptions for external conductors  Is the panel builder's responsibility.  Descriptions for external conductors  Is the panel builder's responsibility.  Descriptions for external conductors  Is the panel builder's responsibility.  Descriptions for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.  Descriptions for the switchgear must be observed.	10.2.5 Lifting	Does not apply, since the entire switchgear needs to be evaluated.
10.3 Degree of protection of assemblies  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.  10.9.1 Temperature rise  Is the panel builder's responsibility.  10.9.2 Testing of enclosures made of insulating material  Is the panel builder's responsibility.  10.10 Temperature rise  The panel builder's responsibility.  10.11 Short-circuit rating  Is the panel builder's responsibility. The specifications for the switchgear must b observed.  10.12 Electromagnetic compatibility  The device meets the requirements, provided the information in the instruction	10.2.6 Mechanical impact	Does not apply, since the entire switchgear needs to be evaluated.
10.4 Clearances and creepage distances  10.5 Protection against electric shock  10.6 Incorporation of switching devices and components  10.7 Internal electrical circuits and connections  10.8 Connections for external conductors  10.9.2 Power-frequency electric strength  10.9.3 Impulse withstand voltage  10.9.4 Testing of enclosures made of insulating material  10.10 Temperature rise  10.11 Short-circuit rating  10.12 Electromagnetic compatibility  10.13 Mechanical function  Meets the product standard's requirements.  Does not apply, since the entire switchgear needs to be evaluated.  10 be evaluated.  Is the panel builder's responsibility.  The specifications for the switchgear must be observed.  Is the panel builder's responsibility. The specifications for the switchgear must be observed.  The device meets the requirements, provided the information in the instruction	10.2.7 Inscriptions	Meets the product standard's requirements.
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10.6 Incorporation of switching devices and components  10.7 Internal electrical circuits and connections  10.8 Connections for external conductors  10.9.2 Power-frequency electric strength  10.9.3 Impulse withstand voltage  10.9.4 Testing of enclosures made of insulating material  10.10 Temperature rise  10.11 Short-circuit rating  10.12 Electromagnetic compatibility  10.13 Mechanical function  10.14 Mechanical function  10.15 Internal electrical circuits and connections  10.16 Is the panel builder's responsibility.  10.17 Is the panel builder's responsibility.  10.18 Is the panel builder's responsibility.  10.19 Is the panel builder's responsibility.  10.11 Short-circuit rating  10.12 Electromagnetic compatibility  10.13 Mechanical function  10.14 Is the panel builder's responsibility. The specifications for the switchgear must be observed.  10.15 Internal electrical circuits and connections  10.16 Is the panel builder's responsibility. The specifications for the switchgear must be observed.  10.16 Internal electrical circuits and connections  10.17 Internal electrical einclines and connections  10.18 Internal electrical builder's responsibility.  10.19 Is the panel builder's responsibility.  10.10 Internal electrical circuits and connections  10.11 Short-circuit rating  10.12 Electromagnetic compatibility  10.13 Mechanical function  10.14 Internal electrical builder's responsibility.  10.15 Internal builder's responsibility.  10.16 Internal builder's responsibility.  10.17 Internal builder's responsibility.  10.18 Internal builder's responsibility.  10.19 Internal builder's responsibility.  10.19 Internal builder's responsibility.  10.10 Internal builder's responsibility.  10.11 Short-circuit rating  10.12 Electromagnetic compatibility.  10.13 Internal builder's responsibility.  10.14 Internal builder's responsibility.  10.15 Internal builder's responsibility.  10.16 Internal builder's responsibility.  10.17 Internal builder's responsibility.  10.18 Internal builder's responsibility.  10.19 Internal builder'	10.4 Clearances and creepage distances	Meets the product standard's requirements.
10.7 Internal electrical circuits and connections  10.8 Connections for external conductors  10.9.2 Power-frequency electric strength  10.9.3 Impulse withstand voltage  10.9.4 Testing of enclosures made of insulating material  10.10 Temperature rise  10.11 Short-circuit rating  10.12 Electromagnetic compatibility  10.13 Mechanical function  10.14 Mechanical function  15 the panel builder's responsibility.  16 the panel builder's responsibility.  17 the panel builder's responsibility.  18 the panel builder's responsibility.  19 the panel builder's responsibility.  10 the temperature rise calculation. Eaton will provide heat dissipation data for the devices.  10 the panel builder's responsibility. The specifications for the switchgear must be observed.  10 the panel builder's responsibility. The specifications for the switchgear must be observed.  10 the panel builder's responsibility. The specifications for the switchgear must be observed.  10 the device meets the requirements, provided the information in the instruction	10.5 Protection against electric shock	Does not apply, since the entire switchgear needs to be evaluated.
10.8 Connections for external conductors  10.9.2 Power-frequency electric strength  10.9.3 Impulse withstand voltage  10.9.4 Testing of enclosures made of insulating material  10.10 Temperature rise  10.11 Short-circuit rating  10.12 Electromagnetic compatibility  10.13 Mechanical function  10.13 Mechanical function  10.14 Strength builder's responsibility.  11.15 Is the panel builder's responsibility.  12.16 The panel builder's responsibility.  13.17 The specifications for the switchgear must be observed.  14.18 The panel builder's responsibility. The specifications for the switchgear must be observed.  15.19 The panel builder's responsibility. The specifications for the switchgear must be observed.  16.19 The device meets the requirements, provided the information in the instruction	10.6 Incorporation of switching devices and components	Does not apply, since the entire switchgear needs to be evaluated.
10.9.2 Power-frequency electric strength  10.9.3 Impulse withstand voltage  10.9.4 Testing of enclosures made of insulating material  10.10 Temperature rise  10.11 Short-circuit rating  10.12 Electromagnetic compatibility  10.13 Mechanical function  Is the panel builder's responsibility.  Is the panel builder's responsibility.  The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.  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	10.7 Internal electrical circuits and connections	Is the panel builder's responsibility.
10.9.3 Impulse withstand voltage  10.9.4 Testing of enclosures made of insulating material  10.10 Temperature rise  10.11 Short-circuit rating  10.12 Electromagnetic compatibility  10.13 Mechanical function  Is the panel builder's responsibility.  The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.  Is the panel builder's responsibility. The specifications for the switchgear must be observed.  Is the panel builder's responsibility. The specifications for the switchgear must be observed.  The device meets the requirements, provided the information in the instruction	10.8 Connections for external conductors	Is the panel builder's responsibility.
10.9.4 Testing of enclosures made of insulating material  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 b observed.  10.12 Electromagnetic compatibility  Is the panel builder's responsibility. The specifications for the switchgear must b observed.  10.13 Mechanical function  The device meets the requirements, provided the information in the instruction	10.9.2 Power-frequency electric strength	Is the panel builder's responsibility.
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 b observed.  10.12 Electromagnetic compatibility  Is the panel builder's responsibility. The specifications for the switchgear must b observed.  10.13 Mechanical function  The device meets the requirements, provided the information in the instruction	10.9.3 Impulse withstand voltage	Is the panel builder's responsibility.
provide heat dissipation data for the devices.  10.11 Short-circuit rating Is the panel builder's responsibility. The specifications for the switchgear must b observed.  10.12 Electromagnetic compatibility Is the panel builder's responsibility. The specifications for the switchgear must b observed.  10.13 Mechanical function The device meets the requirements, provided the information in the instruction	10.9.4 Testing of enclosures made of insulating material	Is the panel builder's responsibility.
observed.  10.12 Electromagnetic compatibility  Is the panel builder's responsibility. The specifications for the switchgear must b observed.  10.13 Mechanical function  The device meets the requirements, provided the information in the instruction	10.10 Temperature rise	
observed.  10.13 Mechanical function  The device meets the requirements, provided the information in the instruction	10.11 Short-circuit rating	
	10.12 Electromagnetic compatibility	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
	10.13 Mechanical function	

## **Technical data ETIM 8.0**

Low-voltage industrial components (EG000017) / Switch disconnector (EC000216)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Off-load switch, circuit breaker, control switch / Switch disconnector (ecl@ss10.0.1-27-37-14-03 [AKF060013])

Version as maintenance-/service switch Version as seafery switch Number of switches Number of switches Number of switches Nate departation voltage Ue AC Version as seafery switch Number of switches Nated operating voltage Nated permanent current th A 100 Nated permanent current at AC-23,400 V A 100 Nated permanent current at AC-23,400 V AV 37 Nated operation power at AC-3,400 V AV 37 Nated operation power at AC-3,400 V AV 55 Notiching power at 400 V Notiching power a	[AKF060013])	377		.,,,
Version as safety ewitch Version as somergency spon insallation Version as roversing switch Mex. rated operation voltage Ue AC Mex. rated operation power at AC-23, 400 V Mex. rated operation power at AC-24, 400 V Mex. rated operation power at AC-23, 400 V Mex. rated operation power at AC-2	Version as main switch			Yes
Version as energency stop installation         Yes           Version as reversing switch         No           Number of switches         V         690           Rated operating voltage         V         690 - 690           Rated operating voltage         V         690 - 690           Rated operating voltage         A         100           Rated permanent current at AC-23, 400 V         A         100           Rated operation power at AC-23, 400 V         kW         37           Rated operation power at AC-23, 400 V         kW         55           Rated operation power at AC-23, 400 V         kW         55           Switching power at 400 V         kW         55           Conditioned rated short-circuit current lq         kA         80           Number of poles         3         3           Number of auxiliary contacts as normally closed contact         1         1           Number of auxiliary contacts as normally closed contact         No         No           Motor drive optional         No         No           Suitable for from	Version as maintenance-/service switch			Yes
Version as reversing switch         1           Number of switches         1           Max. retact operation voltage Ue AC         V         690 - 690           Rated operating voltage         V         690 - 690           Rated operating voltage         A         100           Rated permanent current to U         A         100           Rated permanent current at AC-23, 400 V         A         100           Rated operation power at AC-23, 400 V         kW         3           Rated operation power at AC-23, 400 V         kW         5           Rated operation power at AC-23, 400 V         kW         5           Switching power at 400 V         kW         5           Switching power at 400 V         kW         5           Conditioned rated short-circuit current lq         kA         80           Number of auxiliary contacts as normally closed contact         1           Number of auxiliary contacts as change-over contact         0         0           Motor drive integrated         No         No           Motor drive integrated         No         No           Words prefesse optional         No         No           Device construction         Built-in dovice fixed built-in technique           Suitable for f	Version as safety switch			No
Number of switches         1           Max, rated operation voltage Ue AC         V         690           Rated operation voltage         V         690         690           Rated operation voltage         A         100           Rated permanent current at AC-23, 400 V         A         100           Rated permanent current at AC-23, 400 V         A         100           Rated operation power at AC-23, 400 V         kW         37           Rated operation power at AC-23, 400 V         kW         55           Rated operation power at AC-23, 400 V         kW         55           Rated operation power at AC-23, 400 V         kW         55           Switching power at 400 V         kW         55           Conditioned rated short-circuit current lq         kA         80           Number of poles         Y         3           Number of auxiliary contacts as normally closed contact         Y         1           Number of auxiliary contacts as change-over contact         Y         No           Motor drive integrated         Y         No           Motor drive integrated         Y         No           Voltage release optional         No         No           Suitable for front mounting         Y         N	Version as emergency stop installation			Yes
Max. rated operation voltage Ua AC         V         690           Rated operating voltage         V         690 - 690           Rated operating voltage         A         100           Rated permanent current at AC-24, 400 V         A         100           Rated operation power at AC-34, 400 V         A         100           Rated operation power at AC-34, 400 V         kW         37           Rated short-time withstand current lcw         kW         5           Rated operation power at AC-23, 400 V         kW         55           Rated operation power at AC-23, 400 V         kW         55           Switching power at 400 V         kW         55           Conditioned rated short-circuit current lq         kW         55           Number of polos         3         3           Number of auxiliary contacts as normally closed contact         1         1           Number of auxiliary contacts as change-over contact         9         1           Number of auxiliary contacts as change-over contact         No         No           Motor drive integrated         No         No           Voltage rolesse optional         No         No           Motor drive integrated         No         No           Suitable for frot mounting<	Version as reversing switch			No
Rated operating voltage         V         690 - 690           Rated permanent current at AC-23, 400 V         A         100           Rated permanent current at AC-23, 400 V         A         100           Rated operation power at AC-3, 400 V         kW         37           Rated operation power at AC-28, 400 V         kW         5           Rated operation power at AC-28, 400 V         kW         55           Switching power at 400 V         kW         55           Conditioned rated short-circuit current Iq         kA         80           Number of poles         3         3           Number of poles         1         1           Number of auxiliary contacts as normally closed contact         1         1           Number of auxiliary contacts as normally open contact         9         No           Number of auxiliary contacts as normally open contact         9         No           Motor drive optional         No         No           Suitable for form mounting 4-hole         No         No           Suitable for form mounting 4-hole         No	Number of switches			1
Rated permanent current lu         A         100           Rated permanent current at AC-23, 400 V         A         100           Rated permanent current at AC-21, 400 V         A         100           Rated permanent current at AC-23, 400 V         kW         37           Rated short-time withstand current lcw         kA         2           Rated operation power at AC-23, 400 V         kW         55           Switching power at 400 V         kW         55           Conditioned rated short-circuit current lq         kA         80           Number of poles         3         3           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 normally open contact         1         1           Number of auxiliary contacts as normally open contact         1         No           Motor drive optional         No         No           Motor drive optional         No         No           Motor drive integrated         No         No           Voltage release optional         No         No           Suitable for floor mounting         No         No           Suitable for floor mo	Max. rated operation voltage Ue AC		V	690
Rated permanent current at AC-23, 400 V         A         100           Rated permanent current at AC-21, 400 V         kW         37           Rated operation power at AC-3, 400 V         kW         37           Rated operation power at AC-23, 400 V         kW         55           Rated operation power at AC-23, 400 V         kW         55           Switching power at 400 V         kW         55           Conditioned rated short-circuit current Iq         kA         80           Number of poles         3         3           Number of auxiliary contacts as normally closed contact         1         1           Number of auxiliary contacts as change-over contact         0         No           Motor drive optional         No         No           Motor drive integrated         No         No           Votage release optional         No         No           Device construction         Built-in device fixed built-in technique           Suitable for floor mounting         No           Suitable for front mounting centre         No           Suitable for finaturediate mounting         No           Suitable for intermediate mounting         No           Suitable for intermediate mounting         No           Colour control element </td <td>Rated operating voltage</td> <td></td> <td>V</td> <td>690 - 690</td>	Rated operating voltage		V	690 - 690
Rated permanent current at AC-21, 400 V Rated operation power at AC-3, 400 V Rated operation power at AC-3, 400 V Rated short-time withstand current lcw Rated operation power at AC-23, 400 V Rated short-time withstand current lcw Rated operation power at AC-23, 400 V Rw Switching power at 400 V Rw Switching power at 400 V Rw Switching power at 400 V Rw Rated operation power at 400 V Rw Rated operation power at 400 V Rw Rated operation power at AC-23, 400 V Rw Rated operation power at 400 V Rw Rated operation of main circuit Rated on the Rated R	Rated permanent current lu		Α	100
Rated operation power at AC-3, 400 V Rated short-time withstand current lcw Rated operation power at AC-23, 400 V RW 55 Switching power at 400 V Conditioned rated short-circuit current Iq RW 55 Switching power at 400 V Conditioned rated short-circuit current Iq RW 80 Rumber of poles Rumber of poles Rumber of auxiliary contacts as normally closed contact Rumber of auxiliary contacts as normally open contact Rumber of auxiliary contacts as a change-over contact Rumber of auxiliary contacts as change-over contact Rumber of invalidation of the protection of main circuit Rote of control element Rumber of intermediate mounting Rute of distribution board installation Rute of distribution board installation Rute of control element Red Red Red Red Red Red Red Red Recontrol element Red Red Red Red Recontrol element Red Red Red Recontrol element Ref Red Red Recontrol element Ref Red Recontrol element Red Red Recontrol element Ref Red Recontrol element Red Recontrol element Ref Red Recontrol element Red Red Red Recontrol element Red	Rated permanent current at AC-23, 400 V		Α	100
Rated short-time withstand current low Rated 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 closed contact  Number of auxiliary contacts as normally 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  Number of invergiting and inversion and inve	Rated permanent current at AC-21, 400 V		Α	100
Rated operation power at AC-23, 400 V  Switching power at 400 V  Conditioned rated short-circuit current Iq  Number of poles  Number of poles  Number of auxiliary contacts as normally closed contact  Number of auxiliary contacts as normally open contact  Number of auxiliary contacts as change-over contact  Number of auxiliary contacts as change-over contact  Notor drive optional  Motor drive integrated  Voltage release optional  Device construction  Suitable for floor mounting  Suitable for front mounting 4-hole  Suitable for front mounting 4-hole  Suitable for distribution board installation  Suitable for intermediate mounting  Colour control element  Type of control element  Type of control element  Type of electrical connection of main circuit  Degree of protection (IP), front side	Rated operation power at AC-3, 400 V		kW	37
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 closed contact  Number of auxiliary contacts as normally open contact  Number of auxiliary contacts as change-over contact  Number of auxiliary contacts as change-over contact  Notor drive optional  Motor drive integrated  Voltage release optional  Device construction  Suitable for floor mounting  Suitable for front mounting 4-hole  Suitable for front mounting 4-hole  Suitable for distribution board installation  Suitable for intermediate mounting  Suitable for intermediate mounting  Colour control element  Type of control element  Type of control element  Type of electrical connection of main circuit  Degree of protection (IP), front side	Rated short-time withstand current lcw		kA	2
Conditioned rated short-circuit current Iq  kA  80  Number of poles  Number of auxiliary contacts as normally closed contact  Number of auxiliary contacts as normally open contact  Number of auxiliary contacts as change-over contact  Number of auxiliary contacts as change-over contact  Number of auxiliary contacts as change-over contact  No  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 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  Type of control element  Type of electrical connection of main circuit  Degree of protection (IP), front side  No  Screw connection  Degree of protection (IP), front side	Rated operation power at AC-23, 400 V		kW	55
Number of poles Number of auxiliary contacts as normally closed contact Number of auxiliary contacts as normally open contact Number of auxiliary contacts as change-over contact No Motor drive optional No No No Voltage release optional No Device construction Suitable for floor mounting No Suitable for front mounting 4-hole Suitable for front mounting 4-hole Suitable for front mounting centre Suitable for distribution board installation No Suitable for intermediate mounting No Colour control element Red Type of control element Nope of control element Vege of control element Nope of electrical connection of main circuit Degree of protection (IP), front side No Screw connection Degree of protection (IP), front side	Switching power at 400 V		kW	55
Number of auxiliary contacts as normally closed contact  Number of auxiliary contacts as normally open contact  Number of auxiliary contacts as change-over contact  Number of auxiliary contacts as change-over contact  No  Motor drive optional  No  Notor drive integrated  No  Voltage release optional  No  Device construction  Suitable for floor mounting  Suitable for floor mounting 4-hole  Suitable for front mounting 4-hole  Suitable for front mounting centre  Suitable for distribution board installation  Suitable for distribution board installation  No  Suitable for intermediate mounting  Colour control element  Type of control element  Type of control element  Type of electrical connection of main circuit  Degree of protection (IP), front side  I a  I a  I a  I a  I a  I a  I a  I	Conditioned rated short-circuit current Iq		kA	80
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  Motor drive optional  No  No  Voltage release optional  Device construction  Suitable for floor mounting  Suitable for front mounting 4-hole  Suitable for front mounting centre  No  Suitable for firont mounting centre  No  Suitable for distribution board installation  No  Suitable for intermediate mounting  Colour control element  Type of control element  Interlockable  Type of electrical connection of main circuit  Degree of protection (IP), front side	Number of poles			3
Number of auxiliary contacts as change-over contact  Motor drive optional  Motor drive integrated  No  No  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  Degree of protection (IP), front side  No  No  No  No  Red  Door coupling rotary drive  Screw connection  IP65	Number of auxiliary contacts as normally closed contact			1
Motor drive optional Motor drive integrated No No Voltage release optional No Device construction Built-in device fixed built-in technique Suitable for floor mounting Suitable for front mounting 4-hole Suitable for front mounting centre No Suitable for distribution board installation No Suitable for intermediate mounting Colour control element Type of control element Interlockable Type of electrical connection of main circuit Degree of protection (IP), front side	Number of auxiliary contacts as normally open contact			1
Motor drive integrated  Voltage release optional  Device construction  Suitable for floor mounting  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  Interlockable  Type of electrical connection of main circuit  Degree of protection (IP), front side  No  No  No  No  No  No  Screw connection  No  Screw connection  IP65	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 distribution board installation  Suitable for intermediate mounting  Colour control element  Type of control element  Interlockable  Type of electrical connection of main circuit  Degree of protection (IP), front side  No  Built-in device fixed built-in technique  No  No  No  No  Suitable for intermediate mounting  No  Colour control element  Seed  Type of electrical connection of main circuit  Degree of protection (IP), front side  No  Screw connection  IP65	Motor drive optional			No
Device construction  Built-in device fixed built-in technique  No  Suitable for floor mounting Suitable for front mounting 4-hole No  Suitable for front mounting centre No  Suitable for distribution board installation No  Suitable for intermediate mounting No  Colour control element Red Type of control element Door coupling rotary drive Interlockable Type of electrical connection of main circuit Degree of protection (IP), front side  Built-in device fixed built-in technique No  No  Suitable for firont mounting 4-hole No  Suitable for front mounting centre No  Suitable for distribution board installation No  Suitable for intermediate mounting No  Red  Seed  Type of control element Door coupling rotary drive Screw connection	Motor drive integrated			No
Suitable for floor mounting 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 Interlockable Type of electrical connection of main circuit Degree of protection (IP), front side  No No No Red Door coupling rotary drive Screw connection IP65	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  Interlockable  Type of electrical connection of main circuit  Degree of protection (IP), front side  No  No  No  Red  Door coupling rotary drive  Screw connection  IP65	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  Degree of protection (IP), front side  No  No  No  No  No  No  Red  Door coupling rotary drive  Yes  Type of electrical connection of main circuit  Degree of protection (IP), front side  No  No  No  Red  Door coupling rotary drive  Yes  Type of electrical connection of main circuit  Degree of protection (IP), front side	Suitable for floor mounting			No
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  Degree of protection (IP), front side  No  Red  Type Serve connection  No  Red  Type Serve connection  IP65	Suitable for front mounting 4-hole			No
Suitable for intermediate mounting  No Colour control element  Type of control element  Interlockable  Type of electrical connection of main circuit  Degree of protection (IP), front side  No Red  Door coupling rotary drive  Yes  Screw connection  IP65	Suitable for front mounting centre			No
Colour control element  Type of control element  Door coupling rotary drive  Yes  Type of electrical connection of main circuit  Degree of protection (IP), front side  Red  Yes  Yes  Interlockable  Screw connection  IP65	Suitable for distribution board installation			No
Type of control element  Interlockable  Type of electrical connection of main circuit  Degree of protection (IP), front side  Door coupling rotary drive  Yes  Screw connection  IP65	Suitable for intermediate mounting			No
Interlockable Yes Type of electrical connection of main circuit Screw connection Degree of protection (IP), front side IP65	Colour control element			Red
Type of electrical connection of main circuit  Degree of protection (IP), front side  Screw connection  IP65	Type of control element			Door coupling rotary drive
Degree of protection (IP), front side IP65	Interlockable			Yes
• 1	Type of electrical connection of main circuit			Screw connection
Degree of protection (NEMA)	Degree of protection (IP), front side			IP65
	Degree of protection (NEMA)			1