## **DATASHEET - P3-63/EA/SVB/N**

Main switch, P3, 63 A, flush mounting, 3 pole + N, Emergency switching off function, With red rotary handle and yellow locking ring, Lockable in the 0 (Off) position  $\frac{1}{2}$ 



Part no. P3-63/EA/SVB/N

010398

**EL Number** 1417003

(Norway)

(Norway)	
General specifications	
Product name	Eaton Moeller® series P3 Main switch
Part no.	P3-63/EA/SVB/N
EAN	4015080103981
Product Length/Depth	128 millimetre
Product height	102 millimetre
Product width	90 millimetre
Product weight	0.496 kilogram
Certifications	UL File No.: E36332 IEC/EN 60947 CSA UL CE VDE 0660 CSA File No.: 012528 UL 60947-4-1 CSA-C22.2 No. 94 CSA-C22.2 No. 60947-4-1-14 CSA Class No.: 3211-05 IEC/EN 60204 UL Category Control No.: NLRV IEC/EN 60947-3
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 emergency stop installation Version as main switch Version as maintenance-/service switch
Fitted with:	Red rotary handle and yellow locking ring
Functions	Emergency switching off function Interlockable
Locking facility	Lockable in the 0 (Off) position
Number of poles	Four-pole Four-pole
General information	
Accessories	Auxiliary contact fitted by user.
Degree of protection	NEMA 1
Degree of protection (front side)	IP65
Lifespan, mechanical	100,000 Operations
Mounting method	Flush 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	Front mounting 4-hole 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, cyclic, to IEC 60068-2-30
- · · · · ·	Damp heat, constant, to IEC 60068-2-78
Terminal capacities	
Terminal capacity	1 x (1.5 - 25) mm², flexible with ferrules to DIN 46228 2 x (2.5 - 10) mm², solid or stranded 14 - 2 AWG, solid or flexible with ferrule 2 x (1.5 - 6) mm², flexible with ferrules to DIN 46228 1 x (2.5 - 35) mm², solid or stranded
Screw size	M5, Terminal screw
Tightening torque	26.5 lb-in, Screw terminals 3 Nm, Screw terminals
Electrical rating	
Rated breaking capacity at 220/230 V (cos phi to IEC 60947-3)	640 A
Rated breaking capacity at 400/415 V (cos phi to IEC 60947-3)	600 A
Rated breaking capacity at 500 V (cos phi to IEC 60947-3)	590 A
Rated breaking capacity at 660/690 V (cos phi to IEC 60947-3)	340 A
Rated operational current (Ie) at AC-3, 220 V, 230 V, 240 V	51 A
Rated operational current (Ie) at AC-3, 380 V, 400 V, 415 V	55 A
Rated operational current (Ie) at AC-3, 500 V	44 A
Rated operational current (Ie) at AC-3, 660 V, 690 V	22.1 A
Rated operational current (Ie) at AC-21, 440 V	63 A
Rated operational current (Ie) at AC-23A, 230 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	63 A
Rated operational current (Ie) at AC-23A, 690 V	63 A
Rated operational current (Ie) at DC-1, load-break switches I/r = 1 ms	63 A
Rated operational current (Ie) 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	30 kW
Rated operational power at AC-3, 415 V, 50 Hz	30 kW
Rated operational power at AC-3, 500 V, 50 Hz	30 kW
Rated operational power at AC-3, 690 V, 50 Hz	30 kW
Rated operational power at AC-23A, 220/230 V, 50 Hz	18.5 kW
Rated operational power at AC-23A, 400 V, 50 Hz	30 kW
Rated operational power at AC-23A, 500 V, 50 Hz	45 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)	63 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) 100 kA (Supply side)
Rated short-time withstand current (Icw)	1.26 kA
Short-circuit current rating (basic rating)	150A, max. Fuse, SCCR (UL/CSA)
Short-circuit protection rating	10 kA, SCCR (UL/CSA) 80 A gG/gL, Fuse, Contacts
Switching capacity	
Load rating	1.6 x l# (with intermittent operation class 12, 40 % duty factor) 1.3 x l# (with intermittent operation class 12, 60 % duty factor) 2 x l# (with intermittent operation class 12, 25 % 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

Selecting capacity (auxiliary contacts, plot duty)  Rotter duty capacity (auxiliary contacts, plot duty)  Rotter duty capacity (auxiliary contacts, plot duty)  Rotter acting  Assigned making capacity (auxiliary contacts, plot duty)  Assigned making capacity (auxiliary contacts, plot duty)  Assigned making capacity (auxiliary contacts)  Assigned making power at 15/20 V. 68 Hz. 1-planes  Assigned making power at 20/20 V. 68	Switching capacity (main contacts, general use)	60 A, Rated uninterrupted current max. (UL/CSA)
Switching capacity ye to 690 V (see pile in ECON \$5007-31)  Reted making capacity ye to 690 V (see pile in ECON \$5007-31)  Assigned mixtor power at 195128 V.60 Nr. I - I - I - I - I - I - I - I - I - I		
Whoter arting  Actigned mater proves at 15/120 V. 60 Hz. 1 phases Assigned mater proves at 2002/08 V. 60 Hz. 1 phases Assigned mater proves at 2002/08 V. 60 Hz. 2 phases Assigned mater proves at 2002/08 V. 60 Hz. 2 phases Assigned mater proves at 2002/08 V. 60 Hz. 2 phases Assigned mater proves at 2002/08 V. 60 Hz. 2 phases Assigned mater proves at 2002/08 V. 60 Hz. 3 phases Assigned mater proves at 2002/08 V. 60 Hz. 3 phases Assigned mater proves at 2002/08 V. 60 Hz. 3 phases Assigned mater proves at 2002/08 V. 60 Hz. 3 phases Assigned mater proves at 2002/08 V. 60 Hz. 3 phase Assigned mater proves at 2002/08 V. 60 Hz. 3 phase  Contracts  Cortal circuit reliability  Unmber of auxiliary contracts (change over contacts)  Whenher of auxiliary contacts (change over contacts)  Bell auxiliary contacts (change over contacts)  Bell auxiliary contacts (change over contacts)  Uniform to display to a final circuit (change over contacts)  Bell auxiliary contacts (change over contacts)  Bell auxiliary c		A600 (UL/CSA)
Acting motor power at 15/10 V, 60 Hz, 1-phase Assigned motor power at 200/200 V, 60 Hz, 1-phase Assigned motor power at 200/200 V, 60 Hz, 1-phase Assigned motor power at 200/200 V, 60 Hz, 1-phase Assigned motor power at 200/200 V, 60 Hz, 1-phase Assigned motor power at 200/200 V, 60 Hz, 1-phase Assigned motor power at 200/200 V, 60 Hz, 2-phase Assigned motor power at 200/200 V, 60 Hz, 2-phase Assigned motor power at 200/200 V, 60 Hz, 2-phase Assigned motor power at 200/200 V, 60 Hz, 2-phase Assigned motor power at 400/400 V, 60 Hz, 2-phase Assigned motor power at 400/400 V, 60 Hz, 2-phase Assigned motor power at 400/400 V, 60 Hz, 2-phase Assigned motor power at 400/400 V, 60 Hz, 2-phase Assigned motor power at 400/400 V, 60 Hz, 2-phase Assigned motor power at 400/400 V, 60 Hz, 2-phase Assigned motor power at 400/400 V, 60 Hz, 2-phase Assigned motor power at 400/400 V, 60 Hz, 2-phase Assigned motor power at 400/400 V, 60 Hz, 2-phase  Controls:  Counted circuit reliability  1 failure per 180,000 switching operations statistically determined, at 2 V DC, 70 Hz,	Rated making capacity up to 690 V (cos phi to IEC/EN 60947-3)	800 A
Assigned motor power at 115/128 V, 80 Hz, 1-phase Assigned motor power at 2002/38 V 80 Hz, 1-phase Assigned motor power at 2002/38 V 80 Hz, 1-phase Assigned motor power at 2002/38 V 80 Hz, 1-phase Assigned motor power at 2002/38 V 80 Hz, 2-phase 15 HP Assigned motor power at 2002/38 V 80 Hz, 2-phase 35 HP Assigned motor power at 2002/38 V 80 Hz, 2-phase 40 HP Assigned motor power at 2002/38 V 80 Hz, 2-phase 40 HP  Contract control circuit reliability 1 failure part 100,000 switching operations statistically determined, at 24 V DC, mAV  Number of auxiliary contracts (change over contracts) 0 Control circuit reliability 1 failure part 100,000 switching operations statistically determined, at 24 V DC, mAV  Number of auxiliary contracts (change over contracts) 0 Control circuit reliability 2 Actuator color 3 Actuator view of auxiliary contracts (change over contracts) 4 Control circuit reliability 2 Actuator color 3 Actuator view of auxiliary contracts (change over contracts) 4 Control circuit reliability 4 Actuator view of auxiliary contracts (change over contracts) 4 Control circuit reliability 4 Actuator view of auxiliary contracts (change over contracts) 4 Control circuit reliability 4 Actuator voitir 5 Actuator voitir 5 Actuator voitir 6 Actuator view of auxiliary contracts (change over contracts) 5 Control circuit reliability 6 Control circuit reliability of reliability of reliability 7 Control circuit reliability 7 Control circuit reliability of reliability of reliability of reliability 7 Control circuit reliability 7 Control circuit reliability of reliability of reliability 7 Control circuit reliability of reliability of reliability of reliability of rel	Voltage per contact pair in series	60 V
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Assigned motor power at 200,208 V, 60 Pt. 3-phase Assigned motor power at 200,208 V, 60 Pt. 3-phase Assigned motor power at 200,408 V, 60 Pt. 3-phase Assigned motor power at 500,408 V, 60 Pt. 3-phase Assigned motor power at 500,408 V, 60 Pt. 3-phase Assigned motor power at 500,408 V, 60 Pt. 3-phase Assigned motor power at 500,408 V, 60 Pt. 3-phase Assigned motor power at 500,408 V, 60 Pt. 3-phase Assigned motor power at 500,408 V, 60 Pt. 3-phase Control circuit reliability  If failure per 100,000 switching operations statistically determined, at 24 V D.C. mA/  Number of auxiliary contacts (change-over contacts)  Number of auxiliary contacts (change-over contacts)  Number of auxiliary contacts (change-over contacts)  Actuator color  Actuator vivo  Actuator vivo  Actuator vivo  Actuator vivo  Actuator vivo  Equipment heat dissipation, current-dependent Pvid  Passing varification  Equipment heat dissipation, current-dependent Pvid  Hast dissipation agracity Pvides  Hast dissipation agracity Pvides  Hast dissipation are not or specified heat dissipation in in  10.2 A Draw of state of the state of		
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Assigned motor power at 220/240 V, 50 Hz, 3-phase Assigned motor power at 220/240 V, 50 Hz, 3-phase Assigned motor power at 257/500 V, 60 Hz, 3-phase Assigned motor power at 57/500 V, 60 Hz, 3-phase  Contacts  Control circuit reliability  Number of auxiliary contacts (change-over contacts)  Number of auxiliary contacts (normally clased contacts)  Number of auxiliary contacts (normally clased contacts)  Number of auxiliary contacts (normally clased contacts)  Actuator  Actuator color  Actuator color  Actuator color  Actuator opportunity  Actuator opportunity  Equipment heat dissipation, current-dependent Pvid  Extended poperational current for specified heat dissipation [In]  State heat dissipation, non-current-dependent Pvid  Assist heat dissipation, non-current-dependent Pvid  Extended poperational current for specified heat dissipation [In]  State heat dissipation of thermal stability of enclosures  Meats the product standard's requirements.  10.2.31 Verification of thermal stability of enclosures  Meats the product standard's requirements.  10.2.32 Verification of thermal stability of enclosures  Meats the product standard's requirements.  10.2.32 Sess. of each, mat. to abnormal heat of the product standard's requirements.  10.2.32 Resistance on vitra violet (IV) radiation  10.2.35 Italing  Does not apply, since the entire switchpear needs to be evaluated.  10.26 Mechanical impact  10.27 Inscriptions  Meats the product standard's requirements.  10.30 Expense of protection of assemblies  Does not apply, since the entire switchpear needs to be evaluated.  10.45 Clararaces and creepage distances  Meats the product standard's requirements.  10.55 Protection against electric shock  Does not apply, since the entire switchpear needs to be evaluated.  10.45 Clararaces and creepage distances  Does not apply, since the entire switchpear needs to be evaluated.  10.4		
Assigned mintor power at 450/400 V, 50 IV, 3-phase Assigned mintor power at 575/600 V, 60 IV, 3-phase Contracts Contract in cried trailability Contract in		
Assigned motor power at 575/000 V, 60 Hz, 3 phase  Control circuit reliability  Control circuit reliability  Number of auxiliary contacts (change-over contacts)  Number of auxiliary contacts (change-over contacts)  Number of auxiliary contacts (namelly closed contacts)  Number of auxiliary contacts (namelly closed contacts)  Actuator  Actuator  Actuator  Actuator  Bed  Control circuit reliability  Actuator color  Actuatory  Design verification  Equipment heat dissipation, current-dependent Pvid  Heat dissipation, per pole, current-dependent Pvid  Heat dissipation per pole, current-dependent Pvid  But operational current for specified heat dissipation in protective dependent Pvid  But operational current for specified heat dissipation in per pole, current-dependent Pvid  But operational current for specified heat dissipation in protective dependent Pvid  But operational current for specified heat dissipation in protective dependent Pvid  But observation of thermal stability of enclosures  Wests the product standard's requirements.  Wests the product standard's re		
Control circuit reliability  Centrol circuit reliability  Number of auxiliary contacts (change-over contacts)  Number of auxiliary contacts (change-over contacts)  Number of auxiliary contacts (normally closed contacts)  Number of auxiliary contacts (normally closed contacts)  Number of auxiliary contacts (normally gene contacts)  Actuator color  Actuator color  Actuator type  Doer coupling rotary drive  Does government and dissipation, current-dependent Pvid  Heat dissipation capacity Pdiss  Possign verification  Equipment beat dissipation, current-dependent Pvid  Heat dissipation capacity Pdiss  Possign verification  Equipment beat dissipation, current-dependent Pvid  Heat dissipation non-current-dependent Pvid  Heat dissipation non-current-dependent Pvid  19.2.2 Corrosion resistance  Metacts persoduct standard's requirements.  19.2.3.1 Verification of themal stability of enclosures  Metacts the product standard's requirements.  19.2.2.2 Verification of resistance of insult insult to abnormal heat/fire by internal eloct, effects  19.2.3.3 Resistance to ultra-violet (UV) radiation  19.2.5 Ufficing  Does not apply, since the entire switchgear needs to be evaluated.  19.2.5 Ufficing  Does not apply, since the entire switchgear needs to be evaluated.  19.2.5 Ufficing  19.2.5 Ufficing  Does not apply, since the entire switchgear needs to be evaluated.  19.2.6 Meechanical impact  Does not apply, since the entire switchgear needs to be evaluated.  19.2.7 Inscriptions  Meets the product standard's requirements.  Does not apply, since the entire switchgear needs to be evaluated.  19.2.6 Ufficing of evaluation of averlicing devices and compenents  19.2.7 Inscriptions  Meets the product standard's requirements.  Does not apply, since the entire switchgear needs to be evaluated.  19.2.7 Inscriptions of averlicing devices and compenents  19.3.8 Connections for external conductors  19.4.8 Connections for external conductors  19.5.9 Every-frequency electric shored  19.6.1 Evaluation of averlicing devices and compenents  19.		
Control circuit reliability  Number of auxiliary contacts (change-over contacts)  Number of auxiliary contacts (change-over contacts)  Number of auxiliary contacts (normally closed contacts)  O Number of auxiliary contacts (normally open contacts)  O Control circuit reliability  Red  Actuator  Actuator  Actuator  Actuator  Actuator of auxiliary contacts (normally open contacts)  O Bed  Actuator of auxiliary contacts (normally open contacts)  O Bed  Actuator of auxiliary contacts (normally open contacts)  O Bed  Actuator of auxiliary contacts (normally open contacts)  O W  Actuator of Actuator of Ped  Actuator of Actuator of Ped  Actuator of Actuator of Ped  Act		30 111
m/A) Number of auxiliary contacts (change-over contacts)  Number of auxiliary contacts (normally open contacts)  Actuator  Actuator our  Actuator type  Design verification  Equipment heat dissipation, current-dependent Pvid  Heat dissipation capacity Pdiss  Red operational current for specified heat dissipation (In)  Static heat dissipation, on-current-dependent Pvid  Red operational current for specified heat dissipation (In)  Static heat dissipation, on-current-dependent Pvid  Reted operational current for specified heat dissipation (In)  Static heat dissipation, on-current-dependent Pvid  Reted operational current for specified heat dissipation (In)  Static heat dissipation, on-current-dependent Pvid  Reted operational current for specified heat dissipation (In)  Static heat dissipation, on-current-dependent Pvid  Reted operational current for specified heat dissipation (In)  Static heat dissipation, on-current-dependent Pvid  Reted operational current for specified heat dissipation (In)  Static heat dissipation, on-current-dependent Pvid  Reted operational current for specified heat dissipation (In)  Static heat dissipation, on-current-dependent Pvid  Down the static display of enclosures  102.2.1 Verification of thermal stability of enclosures  102.2.2 Verification of testinal current for specified heat dissipation (In)  102.2.4 New Static on of thermal stability of enclosures  Meets the product standard's requirements.  Meets the product standard's requirements.  102.2.4 Resistance to ultra-violet (IUV) radiation  102.5 Lifting  Does not apply, since the entire switchgear needs to be evaluated.  102.6 Nectation of product standard's requirements.  102.7 Inscriptions  103.0 Degree of product standard's requirements.  104.1 Clearances and creepage distances  Meets the product standard's requirements.  105. Protection against electric shock  Does not apply, since the entire switchgear needs to be evaluated.  106. Incorporation of switching devices and components  107. Instratial electrical circuits and comme		
Number of auxiliary contacts (normally open contacts)  Actuator  Actuator Red  Actuator ype  Door coupling rotary drive  Design verification  Equipment heat dissipation, current-dependent Pvid Heat dissipation of apocity Pdiss Heat dissipation of apocity Pdiss  Bated operational current for specified heat dissipation (and the specification)  Static heat dissipation, on-current-dependent Pvid Hated operational current for specified heat dissipation (and the specified heat dissipation)  Static heat dissipation, on-current-dependent Pvis  102.2 Fornsion resistance  Metal the product standard's requirements.  102.3.1 Verification of the mall stability of enclosures  102.3.2 Verification of thermal stability of enclosures  102.3.3 Resistance to ultra-violet (UV) radiation  102.4.2 Verification of resistance of insulating materials to normal heat  102.3.3 Resistance to ultra-violet (UV) radiation  102.5 Lifting  102.6 Mechanical impact  102.6 Mechanical impact  102.7 Inscriptions  103.0 Dees not apply, since the entire switchpear needs to be evaluated.  104.1 Clearances and creepage distances  105.4 Protection against electric shock  106.9 Protection against electric shock  108.9 Protection against electric shock  109.0 Sen not apply, since the entire switchpear needs to be evaluated.  109.1 Remove the entire switchpear needs to be evaluated.  108.1 Remove the entire switchpear needs to be evaluated.  109.2 Power-forms against electric shock  108.0 Dees not apply, since the entire switchpear needs to be evaluated.  109.2 Power-forms against electric shock  109.0 Dees not apply, since the entire switchpear needs to be evaluated.  109.3 Inscription of switching devices and components  109.4 Power-forms against electric shock  109.5 Protection against electric shock  109.6 Protection against electric shock  109.7 Protection against electric shock  109.8 Prote		mA)
Number of auxiliary contacts (normally open contacts)  Actuator color Actuator relor Actuator relor Actuator relor Actuator rype Design verification Equipment heat dissipation, current-dependent Pvid OW Heat dissipation per pole, current-dependent Pvid Heat dissipation per pole, current-dependent Pvid As W Heat dissipation per pole, current-dependent Pvid As W Heat dissipation per pole, current-dependent Pvid As W Heat dissipation, non-current-dependent Pvid As W Heat the product standard's requirements.  102.23 Verification of resistance of insulating materials to normal heat Meats the product standard's requirements.  102.23 Verification of resistance of insulating materials to normal heat Meats the product standard's requirements.  102.24 Serification of resistance of insulating materials to normal heat Meats the product standard's requirements.  102.25 Lifting Desenct apply, since the entire switchpaar needs to be evaluated.  102.5 Lifting Desenct apply, since the entire switchpaar needs to be evaluated.  102.6 Mechanical impact Desenct apply, since the entire switchpaar needs to be evaluated.  102.7 Inscriptions Meats the product standard's requirements.  103.0 Degree of protection of assemblies Desenct apply, since the entire switchpaar needs to be evaluated.  104.0 Internaces and creepage distances Meats the product standard's requirements.  105.1 Internal electrical circuits and connections Is the panel builder's responsibility.  103.2 Power frequency electric strength Is the panel builder's responsibility.  103.2 Power frequency electric strength Is the panel builder's responsibility.  103.3 Internal electrical circuits and connections Is the panel builder's responsibility.  103.4 Testing of enclosures made of insulating material Into Temperature rise The p		
Actuator color Actuator report Actuator report Actuator report Actuator report Design verification Equipment heat dissipation, current-dependent Pvid Heat dissipation per pole, current-dependent Pvid Heat dissipation per pole, current-dependent Pvid Heat dissipation, non-current-dependent Pvid Actuator dependent dissipation (In) Static heat dissipation, non-current-dependent Pvid Actuator dissipation of devict standard's requirements.  Actuator dissipation dissipation actuator dissipation dissip		
Actuator type  Design verification  Equipment heat dissipation, current-dependent Pvid  As W  Heat dissipation per pole, current-dependent Pvid  As W  Rated operational current for specified heat dissipation (In)  Static heat dissipation, current-dependent Pvid  As W  Rated operational current for specified heat dissipation (In)  Static heat dissipation, current-dependent Pvid  As W  Rated operational current for specified heat dissipation (In)  Static heat dissipation, one-current-dependent Pvis  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  10.2.3.2 Resistance to ultra-violet (IVV) radiation  10.2.5 Uffiging  Does not apply, since the entire switchgear needs to be evaluated.  10.2.5 Uffiging  Does not apply, since the entire switchgear needs to be evaluated.  10.2.7 Inscriptions  Meets the product standard's requirements.  Meets the product standard's requirements.  We resistance only in connection with protective shield.  Does not apply, since the entire switchgear needs to be evaluated.  10.2.1 Inscriptions  Meets the product standard's requirements.  Does not apply, s		0
Design verification  Equipment heat dissipation, current-dependent Pvid Heat dissipation capecity Pelas  0 W Heat dissipation capecity Pelas 0 W Heat dissipation capecity Pelas 0 W Heat dissipation capecity Pelas 0 W Heat dissipation network dependent Pvid 4.5 W Static heat dissipation, non-current dependent Pvs 0 W 10.2.2 Corrosion resistance 0 Meats the product standard's requirements. 102.3.1 Verification of thermal stability of enclosures 0 Meats the product standard's requirements. 102.3.2 Verification of resistance of insulating material to normal heat 102.3.3 Resists of insul. mat. to abnormal heat/fire by internal elect. effects 102.4 Resistance to ultra-violet (UV) radiation 102.5 Lifting 102.6 Mechanical impact 102.7 Inscriptions 102.7 Inscriptions 103.0 agree of protection of assemblies 104.0 Elearances and creepage distances 105.4 Protection against electric shock 105.4 Clearances and creepage distances 105.4 Protection against electric shock 105.5 Protection against electric shock 106.5 Incorporation of switching devices and components 107.5 Internal electrical circuits and connections 108.5 Protection against electric alored some conductors 109.6 Protection against electric shock 109.6 Roman end of switching devices and components 109.7 Internal electrical circuits and connections 109.8 Power-frequency electric strength 109.8 Connections for external conductors 109.8 The panel builder's responsibility. 109.9 Power-frequency electric strength 109.1 Thermal electrical circuits and connections 109.8 The panel builder's responsibility. 109.9 Power-frequency electric strength 109.1 Thermal electrical circuits and connections 109.8 The panel builder's responsibility. 109.9 Power-frequency electric strength 109.1 Thermal electrical circuits and connections 109.1 Thermal electrical circuits and connections 109.1 Thermal electrical circuits and connections 109.2 Power-frequency electric strength 109.4 Thermal electrical circuits and connections 109.5 The panel builder's responsibility. 109.6 The panel buil	Actuator	
Design verification  Equipment heat dissipation, current-dependent Pvid 0 W  Heat dissipation capacity Pdiss 0 W  Rated observation per pole, current-dependent Pvid 4.5 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	Actuator color	
Equipment heat dissipation, current-dependent Pvid  Heat dissipation capacity Pdiss  Bated operational current for specified heat dissipation (In)  Static heat dissipation, per pole, current-dependent Pvid  At 5W  Rated operational current for specified heat dissipation (In)  Static heat dissipation, non-current-dependent Pvs  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.  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 Electromagnetic current in 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.  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 A Testing of enclosures made of insulating material  10.10 Temperature rise  The panel builder's responsibility.  10.11 Short-circuit rating  10.11 Short-circuit rating  10.12 Electromagnetic compatibility  10.13 Mechanical function  The devi		Door coupling rotary drive
Heat dissipation capacity Pdiss  Heat dissipation per pole, current-dependent Pvid  Hated 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  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  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.  10.2.1 Inscriptions  Meets the product standard's requirements.  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.  10.9.3 Impulse withstand voltage  Is the panel builder's responsibility.  10.9.3 Impulse withstand voltage  Is the panel builder's responsibility.  10.9.1 Impulse withstand voltage  Is the panel builder's responsibility.  10.11 Short-circuit rating  Last panel builder's responsibility.  10.11 Short-circuit rating  Last panel builder's responsibility. The specifications for the switchgear mus observed.  10.12 Electromagnetic compatibility  Deserved.  10.13 Mechanical function  The device meets the requirements, provided the information in the instruction than the instruction than the instruction than the in	Design verification	
Heat dissipation per pole, current-dependent Pvid  Rated operational current for specified heat dissipation (In)  83 A  Static heat dissipation, non-current-dependent Pvs  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  10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects  10.2.4 Resistance to ultra-violat (UV) radiation  10.2.5 Lifting  Does not apply, since the entire switchgear needs to be evaluated.  10.2.5 Inscriptions  Meets the product standard's requirements.  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  10.8 Incorporation of switching devices and components  Does not apply, since the entire switchgear needs to be evaluated.  10.9 Internal electrical circuits and connections  1 is the panel builder's responsibility.  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  The panel builder's responsibility.  10.11 Short-circuit rating  1 is the panel builder's responsibility.  1 is the panel	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.  10.23.1 Verification of thermal stability of enclosures  Meets the product standard's requirements.  10.23.2 Verification of resistance of insulating materials to normal heat  10.23.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects  Meets the product standard's requirements.  10.24. Resistance to ultra-violet (IV) radiation  10.25 Lifting  Does not apply, since the entire switchgaar needs to be evaluated.  10.27 Inscriptions  Meets the product standard's requirements.  10.3 Degree of protection of assemblies  Does not apply, since the entire switchgaar 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 switchgaar needs to be evaluated.  10.6 Protection against electric shock  Does not apply, since the entire switchgaar 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 Power-frequency electric strangth  Is the panel builder's responsibility.  10.9 A 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 mus 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  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  Does not apply, since the entire switchgear needs to be evaluated.  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 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 Power-frequency electric strength  Is the panel builder's responsibility.  10.9.4 Testing of enclosures made of insulating material  Is the panel builder's responsibility.  10.9.4 Testing of enclosures made of insulating material  Is the panel builder's responsibility.  10.11 Short-circuit rating  Is the panel builder's responsibility. The specifications for the switchgear mus observed.  10.12 Electromagnetic compatibility  Is the panel builder's responsibility. The specifications for the switchgear mus observed.  10.13 Mechanical function  The device meets the requirements, provided the information in the instruction	Heat dissipation per pole, current-dependent Pvid	4.5 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  10.2.3.3 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  10.2.6 Mechanical impact  10.2.7 Inscriptions  10.3 Degree of protection of assemblies  10.4 Clearances and creepage distances  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 A 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  Meets the product standard's requirements.  Meets the product standard's requirements to be evaluated.  Meets the product standard's requirements 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.  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.  Is the panel builder's responsibility.  Is the panel builder's responsibility. The specifications for the switchgear mus observed.  Is the panel builder's responsibility. The specifications for the switchgear mus observed.  The device meets the requirements, provided the information in the instruction	Rated operational current for specified heat dissipation (In)	63 A
Meets the product standard's requirements.  10.2.3.2 Verification of tresistance 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  10.2.6 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  10.9.4 Power-frequency electric strength  10.9.4 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  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.  Is the panel builder's responsibility.  Is the panel builder's responsibility. The specifications for the switchgear mus observed.  Is the panel builder's responsibility. The specifications for the switchgear mus observed.  In the device meets the requirements, provided the information in the instruction	Static heat dissipation, non-current-dependent Pvs	0 W
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 10.2.6 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 10.9.1 Impulse withstand voltage 10.9.2 Temperature rise 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 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 Internal electric size 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 Mechanical function 10.15 Meets the product standard's requirements. 10.16 Meets the product standard's requirements. 10.17 Internal electric standard's requirements. 10.18 Meets the product standard's requirements. 10.19 Leges not apply, since the entire switchgear needs to be evaluated. 10.19 Leges not apply, since the entire switchgear needs to be evaluated. 10.19 Leges not apply, since the entire switchgear needs to be evaluated. 10.19 Leges not apply, since the entire switchgear needs to be evaluated. 10.19 Leges not apply, since the entire switchgear needs to be evaluated. 10.19 Leges not apply, since the entire switchgear needs to be evaluated. 10.19 Leges not apply, since the entire switchgear needs to be evaluated. 10.19 Leges not apply, since the entire switchgear needs to be evaluated. 10.19 Leges not apply, since the entire switchgear needs to	10.2.2 Corrosion resistance	Meets the product standard's requirements.
10.2.3. 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  10.2.6 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  10.9.4 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.  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.  Is the panel builder's responsibility.  It is the panel builder's responsibility. The specifications for the switchgear mus observed.  10.12 Electromagnetic compatibility  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.
10.2.4 Resistance to ultra-violet (UV) radiation  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.  10.9.4 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. The specifications for the switchgear mus observed.  10.12 Electromagnetic compatibility  10.13 Mechanical function  The device meets the requirements, provided the information in the instruction	10.2.3.2 Verification of resistance of insulating materials to normal heat	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.  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.  10.10 Temperature rise  The panel builder's responsibility.  10.10 Temperature rise  The panel builder's responsibility. The specifications for the switchgear mus observed.  10.12 Electromagnetic compatibility  Is the panel builder's responsibility. The specifications for the switchgear mus observed.  10.13 Mechanical function  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.
10.26 Mechanical impact  10.27 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  The device meets the requirements, provided the information in the instruction	10.2.4 Resistance to ultra-violet (UV) radiation	UV resistance only in connection with protective shield.
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 Power-frequency electric strength  10.9.1 Tegral builder's responsibility.  10.9.2 Power-frequency electric strength  10.9.3 Impulse withstand voltage  10.10 Temperature rise  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.  Does not apply, since the entire switchgear needs to be evaluated.  Is the panel builder's responsibility.  In panel builder's res	10.2.5 Lifting	Does not apply, since the entire switchgear needs to be evaluated.
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 responsibility. The specifications for the switchgear mus observed.  10.11 Short-circuit rating  Is the panel builder's responsibility. The specifications for the switchgear mus observed.  10.13 Mechanical function  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 Power-frequency electric strength  10.9.1 The panel builder's responsibility.  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 Does not apply, since the entire switchgear needs to be evaluated.  Is the panel builder's responsibility.  In panel builder's responsibility.  Is the panel builder's responsibility.  Is the panel builder's responsibility.  Is the panel builder's responsibility. The specifications for the switchgear mus observed.  Is the panel builder's responsibility. The specifications for the switchgear mus observed.  The device meets the requirements, provided the information in the instruction	10.2.7 Inscriptions	Meets the product standard's requirements.
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  1s the panel builder's responsibility.  10.8 Connections for external conductors  1s the panel builder's responsibility.  10.9.2 Power-frequency electric strength  1s the panel builder's responsibility.  1s the panel builder is responsibility. The specifications for the switchgear mus observed.  1s the panel builder's responsibility. The specifications for the switchgear mus observed.  1s the panel builder's responsibility. The specifications for the switchgear mus observed.  1s the panel builder's responsibility. The specifications for the switchgear mus observed.  1s the panel builder's responsibility. The specifications for the switchgear mus observed.	10.3 Degree of protection of assemblies	Does not apply, since the entire switchgear needs to be evaluated.
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 responsibility 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 mus observed.  10.12 Electromagnetic compatibility  The device meets the requirements, provided the information in the instruction	10.4 Clearances and creepage distances	Meets the product standard's requirements.
10.7 Internal electrical circuits and connections  1s the panel builder's responsibility.  10.8 Connections for external conductors  1s the panel builder's responsibility.  10.9.2 Power-frequency electric strength  1s the panel builder's responsibility.  1nus panel builder is responsib	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  Is the panel builder's responsibility.  Is the panel builder's responsibility.  The panel builder is responsibility 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 observed.  Is the panel builder's responsibility. The specifications for the switchgear must observed.  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  10.13 Mechanical function  10.19 Is the panel builder's responsibility.  10.10 Is the panel builder is responsibility.  10.11 Short-circuit rating  10.12 Electromagnetic compatibility  10.13 Mechanical function  10.14 Electromagnetic compatibility  10.15 Is the panel builder's responsibility. The specifications for the switchgear must observed.  10.15 Is the panel builder's responsibility. The specifications for the switchgear must observed.  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 observed.  10.15 In 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  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 observed.  Is the panel builder's responsibility. The specifications for the switchgear must 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 responsibility.  The panel builder is responsibility for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.  10.11 Short-circuit rating  10.12 Electromagnetic compatibility  Is the panel builder's responsibility. The specifications for the switchgear must 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.
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 observed.  10.12 Electromagnetic compatibility  Is the panel builder's responsibility. The specifications for the switchgear must 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	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 observed.  10.13 Mechanical function  The device meets the requirements, provided the information in the instruction	10.10 Temperature rise	The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
observed.  10.13 Mechanical function  The device meets the requirements, provided the information in the instruction	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 leaflet (IL) is observed.

## **Technical data ETIM 9.0**

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

Electric engineering, automation, process control engineering / Low-voltage switch technolo	gy / Off-load s	witch, circuit breaker, control switch / Switch disconnector (ecl@ss13-27-37-14-03
[AKF060018])		
Version as main switch		Yes
Version as maintenance-/service switch		Yes
Version as safety switch		No
Version as emergency stop installation		Yes
Version as reversing switch		No
Number of switches		1
Max. rated operation voltage Ue AC	V	690
Rated operating voltage	V	690 - 690
Rated permanent current lu	Α	63
Rated permanent current at AC-23, 400 V	Α	63
Rated permanent current at AC-21, 400 V	Α	63
Rated operation power at AC-3, 400 V	kW	30
Rated short-time withstand current lcw	kA	1.26
Rated operation power at AC-23, 400 V	kW	30
Switching power at 400 V	kW	30
Conditioned rated short-circuit current Iq	kA	100
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		Built-in device fixed built-in technique
Suitable for floor mounting		No
Suitable for front mounting 4-hole		Yes
Suitable for front mounting centre		No
Suitable for distribution board installation		No
Suitable for intermediate mounting		No
Colour control element		Red
Type of control element		Door coupling rotary drive
Interlockable		Yes
Type of electrical connection of main circuit		Screw connection
With pre-assembled cabling		No
Degree of protection (IP), front side		IP65
Degree of protection (NEMA)		1
Width	mm	90
Height	mm	102
Depth	mm	128
Width in number of modular spacings		