## RCCB, 80A, 4p, 100mA, Type G/F



Part no. FRCDM-80/4/01-G/F EP-501276

roduct name	Eaton Moeller series xEffect - FRCdM Type B, B+, Bfq RCCB
Part no.	FRCDM-80/4/01-G/F
AN	9010653039136
Product Length/Depth	80 millimetre
Product height	80 millimetre
Product width	70 millimetre
Product weight	0.32 kilogram
Pertifications	CE
Product Tradename	xEffect - FRCdM Type B, B+, Bfq
Product Type	RCCB
Product Sub Type	None
ilobally Marketable	Yes
Application	Switchgear for industrial and advanced commercial applications
lumber of poles	Four-pole
ripping time	10 ms delayed Short time-delayed
Amperage Rating	80 A
lated short-circuit strength	10 kA
ault current rating	0.1 A
уре	Residual current circuit-breakers, Digital, Type G/F (ÖVE E 8601)
oltage rating (IEC/EN 60947-2)	240/415
oltage rating (IEO/EN 00097 2)	196
Oltage rating - max	264
lated operational voltage (Ue) - max	415 V
lated insulation voltage (Ui)	440 V
lated impulse withstand voltage (Uimp)	4 kV
lated fault current - min	100 mA
requency rating	50/60 Hz
Short-circuit rating	80 A (max. admissible back-up fuse)
eakage current type	F
lated residual making and breaking capacity	800 A
Admissible back-up fuse overload - max	80 A gG/gL
lated short-time withstand current (Icw)	10 kA
Surge current capacity	3 kA
Collution degree	2
ifespan, electrical	4000 operations
lated switching capacity (resistive load) of auxiliary contact at 30 V DC	2 A
lated switching capacity (resistive load) of auxiliary contact at 240 V AC	0.25 A
witching duty with resistive load of auxiliary contact - max	60 W
witching outy with resistive load of auxiliary contact - max	240 V
witching voltage at AC of auxiliary contact - max	220 V
witching current of auxiliary contact - max	2 A
witching capacity of auxiliary contact - min	10 μA, 10 mV DC
erminal capacity of auxiliary contact	0.25 mm <sup>2</sup> - 1.5 mm <sup>2</sup>

Martin remainer of mendad any spacings   4   4   5   5   5   5   5   5   5   5	Frame	Standard front dimension: 45 mm
Built in swidth fourbier of unitals  Dult in singh  Mounting peachon  Ay regioned  Propose of protection  Terminal copact (soft wind)  Terminal tops and bottom  Terminal tops and bottom  Terminal tops and bottom  Terminal tops and bottom  Terminal tops (soft wind)  Terminal tops and bottom  Terminal tops and bottom  Terminal tops and bottom  Terminal tops (soft wind)  Terminal tops (soft wind)  Terminal tops (soft wind)  Terminal tops and bottom  Terminal tops (soft wind)  Te		
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Printing to so and bottoom!  Terminal capacity locality durins)  Terminal capacity locality cross section is local-corel - min  Terminal capacity locality durins of the callo Commerciation control cross section in multi-wind) - min  Terminal protection  Commerciation conductor cross section in multi-wind) - max  Terminal protection  Commerciation conductor cross section in multi-wind) - max  Terminal protection  Commerciation conductor cross section in multi-wind) - max  Terminal protection  Commerciation conductor cross section in multi-wind) - max  Terminal protection  Commerciation conductor cross section in multi-wind) - max  Terminal protection  Commerciation conductor cross section in multi-wind) - max  Terminal protection  Commerciation conductor cross section in multi-wind) - max  Terminal protection of the conductor cross section in multi-wind) - max  Terminal protection  Commerciation conductor cross section in multi-wind) - max  Terminal protection of the conductor cross section in multi-wind) - max  Terminal protection  Terminal capacity interportation - max  Do 100 - Commerciation designation of the multi-wind - max conductor - max  Do 100 - Commerciation conductor or specified head dissipation IIII)  Terminal caturage and transport temperature - max  Do 200 - Commerciation commerciation commerciation or max conductor or specified head dissipation iIIII)  Terminal caturage and transport multi-minal scale dissipation commerciation dependent  Do 200 - Commerciation of resistance in the conductors  Do 200 - Recei	Mounting position	As required
1.5 mm² - 25 mm²   1.5 mm² - 25 mm²   1 mm²	Degree of protection	
Connectable conductor cross section (solid-core) - min Connectable conductor cross section (solid-core) - max SS mm² Connectable conductor cross section (solid-volind) - min Connectable conductor cross section (solid-volin	Terminals (top and bottom)	Twin-purpose terminals
Connectable conductor crass section (solid-care) - max  Terminal capacity tist index clabel  Connectable conductor crass section (maint-wrest) - max  Connectable conductor crass section (maint-wrest) - max  Terminal protection  Finger and hand touch safe, DGUV VSS, EN 50724  Connectable conductor crass section (maint-wrest) - max  Terminal protection  Finger and hand touch safe, DGUV VSS, EN 50724  Connect position indicator color  Tightening torque  2 Nm - 2.4 Nm  2 mm - 2 mm  Librapan, mechanical  2000 operations  2 mm - 2 mm  3 mm - 2 mm  4 mm - 2 mm  5 m	Terminal capacity (solid wire)	1.5 mm <sup>2</sup> - 35 mm <sup>2</sup>
Torminal expacity istanded cable)  Connectable conductor cross section imulti-vived) - min  Connectable conductor cross section imulti-vived) - max  Terminal protection  Contact position indicator cross  Finger and hand fouch sels. DGUV VSI, EN 50074  Finger and hand fouch sels. DGUV VSI, EN 50074  Finger and hand fouch sels. DGUV VSI, EN 50074  Red J green  [Tightaming protection  Tightaming protection  Tight	Connectable conductor cross section (solid-core) - min	1 mm²
Connectable conductor cross section insulfi-wired - max 3 mm²  Finger and hand touch serie, DGUV VSS, EN 50274  Contact-position indicator color Tightening bronge 2 Nm - 24 Nm  2 Nm - 24 Nm  2 Nm - 27 Nm  2 Nm - 24 Nm  2 Nm -	Connectable conductor cross section (solid-core) - max	35 mm <sup>2</sup>
Connectable conductor cross section (multi-wired) -max  Ferniang protection Figure and hand touch safe, DGUV VSS, EN 50224  Connect position indicator color Tightening tarque 2 Nn - 2 Nn  Bushan material thickness 0 2m - 2 mm  Lifespan, mechanical 20000 operations  2 mm - 2 mm  Lifespan, mechanical 20000 operations  Parmitted strange and transport temperature - min 3 °C  Farmitted strange and transport temperature - max 0 °C  Climatic proofing 27-55°C/50-95% relative humidity according to IEC 50086-2  Farmitted strange and transport temperature - max 0 °C  Climatic proofing 27-55°C/50-95% relative humidity according to IEC 50086-2  Faited operational current for specified heat dissipation (IIn) 80 A  Heat dissipation capacity 32-25 W  Equipment heat dissipation, current-dependent 12 St W  Static heat dissipation, current-dependent 12 St W  Static heat dissipation, current-dependent 12 St W  Ambient operating temperature - min 2-5°C  Ambient operating temperature - min 2-5°C  Ambient operating temperature - min 2-5°C  Meets the product standard's requirements.  102.31 Verification of thermal stability of enclosures Meets the product standard's requirements.  102.32 Verification of resistance of insulation material inspect 102.23 Inscriptions Meets the product standard's requirements.  102.24 Resistance of the read stability of enclosures Meets the product standard's requirements.  102.25 Lifting Does not apply, since the entire exhibit-gear needs to be evaluated.  102.27 Inscriptions Meets the product standard's requirements.  102.28 Proceding applications and compectors 102.29 Proceding apply, since the entire exhibit-gear needs to be evaluated.  103.10 Proceding apply, since the entire exhibit-gear needs to be evaluated.  104.01 Frances and creeppeg distances 105.02 Proceding apply, since the entire exhibit-gear needs to be evaluated.  106.10 Incorporation of exhibiting devices and components 107.02 Transcriptions 108.02 Francescine of exhibiting devices and components 109.03 Temperature of exhibiting devices	Terminal capacity (stranded cable)	16 mm² (2x)
Terminal protection  Contact position indicators color  Red / green  2 Nm - 24 Nm  Bushar material thickness  Qa mm - 2 mm  Lifespar, mechanical  Permitted storage and transport temperature - min  - 35 °C  Permitted storage and transport temperature - min  Red deperational current for specified heat dissipation (In)  Read deperational current for specified heat dissipation (In)  Read dissipation per pole, current-dependent  Equipment heat dissipation, corrent-dependent  2 25 55 °C / 50 95 55 °C lead 55 °C red 5	Connectable conductor cross section (multi-wired) - min	10 mm <sup>2</sup>
Coetact position indicator color Tightening torque 2 Nm - 2 A Nm  Busber material thickness 2008 operations 2008 operations 2008 operations 2008 operations 2008 operations 255°C Permitted storage and transport temperature - min 35°C Climate proofing 255°C / \$0.95% relative humidity according to IEC 60080-2  Bated operational current for specified heat dissipation (in) 80.A  Heat dissipation operation, our end-dependent 12.3 W Static heat dissipation, non-current-dependent 12.3 W Static heat dissipation, non-current-dependent 12.3 W Ambient operating temperature - max 00°C  Ambient operating temperature - max 00°C  Ambient operating temperature - max 00°C  40°C  40	Connectable conductor cross section (multi-wired) - max	35 mm <sup>2</sup>
Contact position indicator color Tightening torque Ukepan, machanical Busbar material thickness Ukepan, machanical 2000 operations 2000 operat	Terminal protection	Finger and hand touch safe, DGUV VS3, EN 50274
Bushar material thickness	Contact position indicator color	Red / green
Bushar material thickness	·	-
Lifespan, mechanical Permitted storage and transport temperature - min Permitted storage and transport temperature - min Permitted storage and transport temperature - max Pasted operational current for specified heat dissipation (Ia) Permitted storage and transport temperature dependent Permitted storage and transport dependent Permitted dissipation, one-current-dependent Permitted dissipation one-current-dependent Permitte		
Permitted storage and transport temperature - min Permitted storage and transport temperature - max  60 °C 25-55 °C / 90-95% relative humidity according to IEC 60098-2  Rated operational current for specified heat dissipation (In) 89 A 3225 W Equipment heat dissipation, current-dependent 12.9 W Stalic hear dissipation, current-dependent 0 W Ambient operating temperature - min Ambient operating temperature - min Ambient operating temperature - max 60 °C  10.2.2 Cornosion resistance 10.2.3 I Verification of thermal stability of enclosures 10.2.3 I Verification of resistance of insulating materials to normal heat 10.2.3 Verification of resistance of insulating materials to normal heat 10.2.4 Resistance to ultra-violet (IV) radiation 10.2.5 Isting 10.2.6 Mechanical impact 10.2.6 Mechanical impact 10.2.7 Inscriptions 10.8 Connections for external conductors 10.9 Opens not apply, since the entire switchgear needs to be evaluated. 10.9 Dees not apply, since the entire switchgear needs to be evaluated. 10.9 Dees not apply, since the entire switchgear needs to be evaluated. 10.10 Instrumal electrical circuits and connections 10.8 Incorporation of switching devices and components 10.9 Dees not apply, since the entire switchgear needs to be evaluated. 10.1 Internal electrical circuits and connections 10.8 Incorporation of switching devices and components 10.9 Prover-frequency electric strength 10.9 Connections for external conductors 10.9 Internal electrical circuits and connections		
Permitted storage and transport temperature - max  Climatic proofing  25-55 °C 790-95% relative humidity according to IEC 60084-2  Rated operational current for specified heat dissipation (In)  Meet dissipation per pole, current-dependent  23-25 W  Equipment heat dissipation, current-dependent  3-225 W  Static heat dissipation, current-dependent  4-29 °C  Ambient operating temperature - min  Ambient operating temperature - max  4-25 °C  Ambient operating temperature - max  4-25 °C  Ambient operating temperature - max  4-25 °C  Meets the product standard's requirements.  10-2.2 Corrosion resistance  10-2.3 Verification of thermal stability of enclosures  10-2.3 Verification of resistance of insulating materials to normal heat  10-2.4 Serification of resistance of insulating materials to normal heat  10-2.5 Lifting  10-2.5 Lifting  10-2.5 Lifting  10-2.5 Lifting  10-2.5 Lifting  10-2.5 Meets the product standard's requirements.  10-2.2 Inscriptions  10-2.5 Inscriptions  10-2.5 Meets the product standard's requirements.  10-2.5 Lifting  10-2.5 Meets the product standard's requirements.  10-2.5 Lifting  10-2.5 Meets the product standard's requirements.  10-2.5 Lifting  10-2.5 Meets the product standard's requirements.  10-2.6 Meets the product standard's requirements.  10-2.7 Inscriptions  Meets the product standard's requirements.  10-2.8 Meets the product standard's requirements.  10-2.7 Inscriptions  Meets the product standard's requirements.  10-3 Protection against electric about the evaluated.  10-4 Inscription of switching devices and components  10-4 Inscription against electric about the evaluated.  10-5 Incorporation of switching devices and components  10-8 Incorporation of switching devices and components  10-8 Incorporation of switching devices and components  10-9 Inscription against electric about the switchgear meeds to be evaluated.  10-1 Inscription against electric about the switchgear needs to be evaluated.  10-1 Inscription against electric about the switchgear needs to be evaluated.  10-1 Insc		
Climatic proofing  25-55 °C / 39-95% relative humidity according to IEC 60088-2  Rated operational current for specified heat dissipation (In)  80 A  Rated operational current dependent  22-50 °C / 39-95% relative humidity according to IEC 60088-2  Reted dissipation per pole, current-dependent  12-9 W  Static heat dissipation, current-dependent  12-9 W  Static heat dissipation, current-dependent  10-2 W  Heat dissipation capacity  0 W  Ambient operating temperature - min  25-7 C  Ambient operating temperature - max  60 °C  Meets the product standard's requirements.  10-2.3 Verification of thermal stability of onclosures  10-2.3 Verification of thermal stability of onclosures  10-2.3 Verification of resistance of insulating materials to normal heat  10-2.5 Hone-hanical impact  10-2.5 Mechanical impact  10-2.5 Mechanical impact  10-2.5 Insulating materials on ormal heat  10-2.7 Inscriptions  Meets the product standard's requirements.  10-2.8 Mechanical impact  10-2.0 Does not apply, since the entire switchgear needs to be evaluated.  10-2.7 Inscriptions  Meets the product standard's requirements.  10-2.8 Operation of assemblies  10-2.9 Protection of assemblies  10-2.9 Connections of assemblies  10-3 Protection against electric shock  10-2 Connections for external conductors  10-3 Instrumal electrical circuits and connections  10-4 Dees not apply, since the entire switchgear needs to be evaluated.  10-3 Instrumal electrical circuits and connections  10-3 Instrumal electrical circuits and connections  10-3 Instrumal electrical circuits and connections  10-4 Instrumal electrical circuits and connections  10-4 Instrumal electrical circuits and connections  10-5 Instrumal electrical circuits and connections  10-6 Instrument electrical circuits and connections  10-7 Instrumal electrical circuits and connections  10-8 Instrument electrical circuits and connections  1		
Retad operational current for specified heat dissipation (In)  Heat dissipation per pole, current-dependent  Static heat dissipation, current-dependent  Static heat dissipation, current-dependent  OW  Heat dissipation, current-dependent  OW  Ambient operating temperature - min  Ambient operating temperature - max  O° C  10.2.2 Corosion resistance  Meets the product standard's requirements.  10.2.3.1 Verification of fresistance of insulating materials to normal hoat  Moets the product standard's requirements.  10.2.3.2 Verification of resistance of insulating materials to normal hoat  Moets the product standard's requirements.  10.2.5 Urbing  Does not apply, since the entire switchgear needs to be evaluated.  10.2.7 Inscriptions  Meets the product standard's requirements.  10.3 lagrae 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 Conceptation of switching devices and components  10.7 Inscriptions  Meets the product standard's requirements.  Does not apply, since the entire switchgear needs to be evaluated.  10.8 Incorporation of switching devices and components  Does not apply, since the entire switchgear needs to be evaluated.  10.8 Conceptation of switching devices and components  In the panel builder's responsibility.  10.9 Power-frequency electric strength  10.9 Incorporation of switching devices and components  In the panel builder's responsibility.  10.9 Power-frequency electric strength  10.1 Internal electrical includes an exponsibility.  10.2 Power-frequency electric strength  10.3 Incorporation of switching devices and components  10.4 Testing of enclosures made of insulating material  10.7 Internal electrical includes an exponsibility.  10.8 Temperature rise  The panel builder's responsibility.  10.9 Incorporation of switching the panel builder's responsibil		
Heat dissipation per pole, current-dependent  Equipment heat dissipation, current-dependent  Static heat dissipation, our-rent-dependent  OW  Heat dissipation capacity Ambient operating temperature - min  -25°C  Ambient operating temperature - max  60°C  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.  10.2.4 Resistance to ultra-violet (UV) radiation  Moets 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 Begree 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 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 Power-frequency electric strength  Is the panel builder's responsibility.  10.9 Temperature rise  The panel builder's responsibility.  10.10 Temperature rise  10.10 Temperature rise calculations for the switchgear must be observed.  10.11 Short-circuit rating  10.12 Electromagnetic compatibility  10.13 Mechanical function  The device meets the requirements, provided the information in the instruction of the switchgear must be observed.	Cimitatic provinity	23-33 6 / 30-33 /0 relative minimity according to IEC 00000-2
Heat dissipation per pole, current-dependent  Equipment heat dissipation, current-dependent  129 W  Static heat dissipation, current-dependent  0 W  Ambient operating temperature - min  25° C  Ambient operating temperature - max  60° C  10.2.2 Corrosion resistance  Meets the product standard's requirements.  Meets the product standard's requirements.  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  0 ose not apply, since the entire switchpear needs to be evaluated.  10.2.6 Mechanical impact  10.2.6 Mechanical impact  10.8 Operace of protection of assemblies  10.8 Operace of protection of assemblies  10.9 Protection against electric shock  10.9 Frotection against electric shock  10.9 Frotection against electric shock  10.9 Frotection of switching devices and components  10.9 Power-frequency electric strength  10.9 Power-frequency electric strength  10.9 Power-frequency electric strength  10.9 Power-frequency electric strength  10.9 Temperature rise  10.10 Temperature rise  10.11 Short-circuit rating  10.12 Electromagnetic compatibility  10.13 Mechanical function  10.15 Mechanical function  10.16 Lectromagnetic compatibility  10.16 Lectromagnetic compatibility  10.17 Electromagnetic compatibility  10.18 Lectromagnetic compatibility  10.19 Lectromagnetic compatibility  10.10 Temperature rise  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  10.13 Mechanical function  The device meets the requirements, provided the information in the instruction	Detect or continued to constitute the detect distinction (In)	00 A
Equipment heat dissipation, current-dependent  12.9 W  Static heat dissipation, non-current-dependent  0 W  Ambient operating temperature - min  2.25 °C  Ambient operating temperature - max  0 °C  10.2.2 Corrosion resistance  Meets the product standard's requirements.  10.2.3.1 Verification of thermal stability of enclosures  10.2.3.2 Verification of tresistance of insulating materials to normal heat  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  Meets the product standard's requirements.  10.2.8 Mechanical impact  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 Connections for external conductors  10.9 Temperature rise  10.9 Temperature rise  10.9 The panel builder's responsibility.  10.9 The panel builder's responsibility.  10.9 The panel builder's responsibility.  10.1 The panel builder's responsibility.  10.2 Power-frequency diactric strangth  10.1 The panel builder's responsibility.  10.2 Power-frequency diactric strangth  10.3 Meets the panel builder's responsibility.  10.4 Testing of enclosures made of insulating material  10.1 The panel builder's responsibility.  10.2 The panel builder's responsibility.  10.3 He panel builder's responsibility.  10.4 Testing of enclosures made of insulation. Eaton will provide heat dissipation data for the devices.  10.1 The panel builder's responsibility.  10.1 The panel builder's responsibility.  10.2 The panel		
Static heat dissipation, non-current-dependent  Heat dissipation capacity  Ambient operating temperature - min  225 °C  Ambient operating temperature - max  80 °C  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  Meets the product standard's requirements.  10.24 Resistance to ultra-violet (UV) radiation  Meets the product standard's requirements.  10.25 Lifting  Does not apply, since the entire switchgear needs to be evaluated.  10.26 Mechanical impact  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 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  10.7 Internal electrical circuits and components  Does not apply, since the entire switchgear needs to be evaluated.  10.7 Internal electrical circuits and components  Does not apply, since the entire switchgear needs to be evaluated.  10.7 Internal electrical circuits and components  Does not apply, since the entire switchgear needs to be evaluated.  10.8 Incorporation of switching devices and components  Does not apply, since the entire switchgear needs to be evaluated.  10.9 Power-frequency electric strength  Is the panel builder's responsibility.  10.9 Power-frequency electric strength  Is the panel builder's responsibility.  10.9 Power-frequency electric strength  Is the panel builder's responsibility.  10.9 Power-frequency electric strength  Is the panel builder's responsibility.  10.9 Power-frequency electric strength  Is the panel builder's responsibility.  10.1 Short-circuit rating  Does not apply, since the entire switchgear must be observe		
Heat dissipation capacity  Ambient operating temperature - min  -25 °C  Ambient operating temperature - max  60 °C  10.22 Corrosion resistance  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  10.2.4 Resistance to ultra-violet (UV) radiation  Meets the product standard's requirements.  10.2.5 Lifting  Does not apply, since the entire switchgear needs to be evaluated.  10.2.7 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  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 components  Does not apply, since the entire switchgear needs to be evaluated.  10.7 Internal electrical circuits and components  Does not apply, since the entire switchgear needs to be evaluated.  10.7 Internal electrical circuits and components  Does not apply, since the entire switchgear needs to be evaluated.  10.7 Internal electrical circuits and components  Lis the panel builder's responsibility.  10.9 2 Power-frequency electric strength  Lis 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  Does not apply, since the entire switchgear must be observed.  10.12 Electromagnetic compatibility  Lis 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		
Ambient operating temperature - min  Ambient operating temperature - max  60 °C  Meets the product standard's requirements.  10.2.3 L'Verification of thermal stability of enclosures  Meets the product standard's requirements.  10.2.3 L'Verification of resistance of insulating materials to normal heat  Meets the product standard's requirements.  10.2.4 Resistance to ultra-violet (UV) radiation  Meets the product standard's requirements.  10.2.5 Lifting  Does not apply, since the entire switchgear needs to be evaluated.  10.2.7 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.  10.6 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. The specifications for the switchgear must be observed.  10.13 Mechanical function  The device meets the requirements, provided the information in the instruction		
Ambient operating temperature - max  60 °C  10.2.2 Corrosion resistance  10.2.3.1 Verification of thermal stability of enclosures  10.2.3.2 Verification of resistance of insulating materials to normal heat  10.2.4 Resistance to ultra-violet (UV) radiation  Meets the product standard's requirements.  10.2.5 Lifting  Does not apply, since the entire switchgear needs to be evaluated.  10.2.6 Mechanical impact  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.  10.9.4 Testing of enclosures made of insulating material  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.  10.12 Electromagnetic compatibility  Is the panel builder's responsibility.  10.15 He panel builder's responsibility.  10.16 Temperature rise  The panel builder's responsibility.  10.17 Electromagnetic compatibility  Is the panel builder's responsibility.  10.18 the panel builder's responsibility.  10.19 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.  10.12 Electromagnetic compatibility  Is the panel builder's responsibility.  10.13 Mechanical function		
10.2.2 Corrosion resistance  10.2.3.1 Verification of thermal stability of enclosures  10.2.3.2 Verification of resistance of insulating materials to normal heat  10.2.4 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  10.3 Degree of protection of assemblies  10.4 Clearances and creepage distances  10.5 Protection against electric shock  10.5 Incorporation of switching devices and components  10.5 Protection against electric shock  10.6 Incorporation of switching devices and components  10.7 Intermal electrical circuits and connections  10.8 Connections for external conductors  10.9 Power-frequency electric strength  10.9 Power-frequency electric strength  10.9 In the panel builder's responsibility.  10.9.10 Temperature rise  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.  10.0 Does not apply, since the entire switchgear needs to be evaluated.  10.5 Protection against electric shock  10.6 Incorporation of switching devices and components  10.7 Intermal electrical circuits and connections  1 Is the panel builder's responsibility.  10.8 Connections for external conductors  1 Is the panel builder's responsibility.  10.9.10 Temperature rise  1 Is the panel builder's responsibility.  1 Is the panel builder's responsibility. The specifications for the switchgear must be observed.  1 Is the panel builder's responsibility. The specifications for the switchgear must be observed.	Ambient operating temperature - min	
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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  10.2.4 Resistance to ultra-violet (UV) radiation  Meets the product standard's requirements.  10.2.5 Lifting  Does not apply, since the entire switchgear needs to be evaluated.  10.2.6 Mechanical impact  Does not apply, since the entire switchgear needs to be evaluated.  10.2.7 Inscriptions  Meets the product standard's requirements.  10.3 Degree of protection of assemblies  Does not apply, since the entire switchgear needs to be evaluated.  10.4 Clearances and creepage distances  Meets the product standard's requirements.  10.5 Protection against electric shock  Does not apply, since the entire switchgear needs to be evaluated.  10.6 Incorporation of switching devices and components  Does not apply, since the entire switchgear needs to be evaluated.  10.7 Internal electrical circuits and connections  Is the panel builder's responsibility.  10.9.2 Power-frequency electric strength  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.  10.10 Temperature rise  10.11 Short-circuit rating  Lis the panel builder's responsibility. The specifications for the switchgear must be observed.  10.12 Electromagnetic compatibility  10.13 Mechanical function  The device meets the requirements, provided the information in the instruction		
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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.  10.9.4 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 must be observed.  10.12 Electromagnetic compatibility  Is the panel builder's responsibility. The specifications for the switchgear must be observed.	10.2.3.2 Verification of resistance of insulating materials to normal heat	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  The device meets the requirements.  Does not apply, since the entire switchgear needs to be evaluated.  Does not apply, since the entire switchgear needs to be evaluated.  10.5 Protection against electric switchgear needs to be evaluated.  Is the panel builder's responsibility.  Is the panel builder's responsibility.  Is the panel builder's responsibility.  In panel builder's responsibility. The specifications for the switchgear must be observed.  In the device meets the requirements, provided the information in the instruction	10.2.4 Resistance to ultra-violet (UV) radiation	Meets the product standard's requirements.
10.27 Inscriptions  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 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.  Does not apply, since the entire switchgear needs to be evaluated.  Is the panel builder's responsibility.  Is the panel builder's responsibility.  Is the panel builder's responsibility.  In 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.  In the device meets the requirements, provided the information in the instruction	10.2.5 Lifting	Does not apply, since the entire switchgear needs to be evaluated.
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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	10.11 Short-circuit rating	Is the panel builder's responsibility. The specifications for the switchgear must be
	10.12 Electromagnetic compatibility	Is the panel builder's responsibility. The specifications for the switchgear must be
	10.13 Mechanical function	· · · · · · · · · · · · · · · · · · ·

Features	Additional equipment possible
Functions	Short-time delayed tripping
Special features	As per inscription