Changeover switch, RMQ-Titan, With rotary head, maintained, 2 positions, inscribed, Bezel: black



Part no. M22S-WR 216856

General specifications	
Product name	Eaton Moeller® series M22 Changeover switch
Part no.	M22S-WR
EAN	4015082168568
Product Length/Depth	43 millimetre
Product height	30 millimetre
Product width	30 millimetre
Product weight	0.013 kilogram
Certifications	CE CSA-C22.2 No. 94-91 IEC/EN 60947-5 UL Category Control No.: NKCR UL CSA-C22.2 No. 14-05 VDE 0660 CSA Class No.: 3211-03 IEC/EN 60947 CSA UL 508 UL File No.: E29184 CSA File No.: 012528 DNV GL LR
Product Tradename	M22
Product Type	Changeover switch
Product Sub Type	None
eatures & Functions	
Bezel color	Black
Bezel material	Plastic
Design	With rotary head Classical
Fitted with:	Front ring
Functions	Stay-put/spring-return function, can be changed with coding parts M22-XC-Y
Inscription	Inscribed
General information	
Degree of protection	NEMA 4X, 13
Degree of protection (front side)	IP66
Lifespan, mechanical	100,000 Operations
Opening diameter	22.5 mm
Operating frequency	2000 Operations/h
Operating torque	0.3 N·m
Overvoltage category	III
Pollution degree	3
Product category	RMQ-Titan
Size	Front diameter: 29.7 mm
Switching angle	60 °
Туре	Selector switch actuator
Ambient conditions, mechanical	
Mounting position	As required
Shock resistance	Mechanical, According to IEC/EN 60068-2-27 30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms
Climatic environmental conditions	
Ambient operating temperature - min	-25 °C

Connection to SmartWire-DT Ctuator Actuator color Actuator function Actuator type Number of switch positions Force for positive opening - min With SWD-RMQ connections Yes With SWD-RMQ connections Yes With SWD-RMQ connections Yes Turb SWD-RMQ connections Switching function latching function		
Antimistation of temperature - max (Climatic profession of the main state of the mai	Ambient operating temperature - max	70 °C
Clampine to EC 20000 2-70 Comment on the Comment of	Ambient storage temperature - min	40 °C
Internation of the Smart/Wire DT Actuator color Actuator polor Actuator polor Number of switch positions Force for positive opening - min Suignament dependent Pol Bustinest dissipation current-dependent Pol Bustinest dissipation current dependent Pol Bustinest dissipation on extrent dependent Pol Bustinest be dissipation, more current dependent Pol Bustinest be dissipation of responsibility of enclorures Bustinest be dissipation of responsibility of enclorures Bustinest be dissipation of responsibility of excellent be evaluated. Bustinest be product standard's requirements. Bustinest be product st	Ambient storage temperature - max	80 °C
Extention With SWO-RMQ connections Extention With SWO-RMQ connections Actuator color Black Actuator function Switching function inclining Actuator type Turn button Number of swich positions 2 Encode or positive opening- min Company of the positive opening- min besign verification 0 Enumerate theat dissipation, current-dependent Proid 0 Heat dissipation per polic, current-dependent Proid 0 Heat dissipation on occurrent-dependent Proid 0 Based the add dissipation on occurrent-dependent Proid 0 Based the dissipation on occurrent-dependent Proid 0 Based the bard dissipation on occurrent-dependent Proid 0 10.23 2 Profice on positive opening actual transport of proid to dissipation (in occurrent dependent Proid 0 10.23 2 Profice on positive opening repole, current-dependent Proid 0 0 10.23 2 Profice on positive opening repole, current-dependent Proid 0 0 10.23 2 Profice on of resistance on investment on the product standard's requirements. 0 0 10.23 2 Provent resistance on ultra-violet (IVI) radiation	Climatic proofing	
clustor Actustor (other Actustor (page) Actustor (page	Communication	
Actuator color Actuator function Actuator functi	Connection to SmartWire-DT	
Actuator fyne Actuator fyne Number of switch positions Actuator fyne Number of switch positions In Tur hutton Turn button Turn butt	Actuator	
Actuator type Actuator type Actuator type Actuator type Force for positive opening - min Esign verification Equipment heat dissipation, current-dependent Pvid Heat dissipation capently Paliss Heat dissipation capently Paliss Heat dissipation capently Paliss Heat dissipation current for spacified heat dissipation (urrent-dependent Pvid Heat dissipation capently Paliss Heat paliss develors the paliss	Actuator color	Black
Number of switch positions Partication Equipment head dissipation, current-dependent Pvid Heat dissipation capacity Pdiss Heat dissipation per pole, current-dependent Pvid Heat dissipation, one-current-dependent Pvid Heat dissipation per pole, current-dependent Pvid Heat dissipation per pole, current-dependent Pvid Heat dissipation, one-current-dependent Pvid Heat dissipation, one-current-dependent Pvid Heat dissipation, one-current-dependent Pvid Heat dissipation, one-current-dependent Pvid Heat the product standard's requirements. Meets the product standard's requirements. Meets the product standard's requirements. Heat the product standard's requirements. Does not apply, since the entire switchgear needs to be evaluated. Heat the product standard's requirements. Heat the product standard's requirements. Does not apply, since the entire switchgear needs to be evaluated. Heat the product standard's requirements. Does not apply, since the entire switchgear needs to be evaluated. Heat the product standard's requirements. Does not apply, since the entire switchgear needs to be evaluated. Heat the product standard's requirements. Heat the product st	Actuator function	
Force for positive opening - min Sesign verification Equipment heart dissipation, current-dependent Pvid Heatt dissipation capacity Pdiss Heatt dissipation capacity Pdiss Heatt dissipation are pole, current-dependent Pvid Heatt dissipation per pole, current-dependent Pvid Heatt dissipation per pole, current-dependent Pvid Heatt dissipation per pole, current-dependent Pvid Rated operational current for specified heat dissipation (In) Static heat dissipation, non-current-dependent Pvis 10.22.1 Verification of resistance 10.22.3.1 Verification of thermal stability of enclosures 10.23.2 Verification of resistance of insulating materials to normal heat 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 10.24.8 Resistance to ultra-violet (I/V) radiation 10.25 Lifting 10.26 Machanical impact 10.27 Inscriptions 10.30 Degree of protection of assemblies 10.31 Degree of protection of assemblies 10.40 Cearances and creepage distances 10.51 Protection against electric shock 10.52 Protection against electric shock 10.53 Incorporation of switching devices and components 10.54 Internal electrical circuits and connections 10.55 Protection against electric shock 10.56 Incorporation of switching devices and components 10.76 Internal electrical circuits and connections 10.80 Jernal electrical circuits and connections 10.81 Jernal electrical circuits and connections 10.82 Power-frequency electric strength 10.83 Impulse withstand voltage 10.93 Impulse withstand voltage 10.94 Testing of enclosures made of insulating material 10.10 Temperature rise 10.11 Temperature rise 10.12 Electromagnetic compatibility 10.13 Mechanical function 10.13 Mechanical function 10.14 Mechanical function 10.15 Mechanical function 10.15 Mechanical function 10.16 Mech	Actuator type	Turn button
Force for positive opening - min Position Position	Number of switch positions	2
Equipment heat dissipation, current-dependent Pvid Heat dissipation capacity Pdiss Heat dissipation per pole, current-dependent Pvid Bated operational current for specified heat dissipation (In) Static heat dissipation, non-current-dependent Pvid Bated operational current for specified heat dissipation (In) Static heat dissipation, non-current-dependent Pvid Bated operational current for specified heat dissipation (In) Static heat dissipation, non-current-dependent Pvid Bated operational current for specified heat dissipation (In) Static heat dissipation, non-current-dependent Pvid Bated operational current-dependent Pvid Bated operational curr	Contacts	
Equipment heat dissipation, current-dependent Pvid Heat dissipation capacity Pdiss Heat dissipation per pole, current-dependent Pvid Rated operational current for specified heat dissipation (in) Rated dissipation, non-current-dependent Pvid 0 A Static heat dissipation, non-current-dependent Pvid 0 A Weets the product standard's requirements. 0 A Weets the product standard's requirements. 0 A Weets the product standard's requirements. 0 A Weets the product standard's requirements. 0 A Weets the product standard's requirements. 0 A Weets the product standard's requirements. 0 A Weets the product standard's requirements. 0 A Weets the product standard's requirements. 0 A Weets the product standard's requirements. 0 A Weets the product standard's requirements. 0 A Weets the product standard's requirements. 0 A Weets the product standard's requirements. 0 A Weets the product standard's requirements. 0 A Weets the product standard's requirements. 0 A Weets the product standard's requirements. 0 A Weets the product standard's requirements. 0 A Weets the product standard's requirements. 0 A Weets the product standard's requirements. 0 A Weets the product standard's requirements. 0 A Weets the product standard's requirements. 0 A Weets the product standard's requirements. 0 A Weets the product standard's requirements. 0 A Weets the product standard's requirements to be evaluated. 0 A Weets the product standard's requirements. 0 A Wee	Force for positive opening - min	0 N
Heat dissipation capacity Pdiss 0W Rated operational current for specified heat dissipation (In) 0W Rated operational current for specified heat dissipation (In) 0A Static heat dissipation, non-current-dependent Pvs 0W Reats dissipation, non-current-dependent Pvs 0W Reats the product standard's requirements. 10.2.3.1 Verification of thermal stability of enclosures 0Weets the product standard's requirements. 10.2.3.2 Verification of resistance of insulating materials to normal heat of insulating material of insulating	Design verification	
Heat dissipation per pole, current-dependent Pvid Rated operational current for specified heat dissipation (In) Static heat dissipation, non-current-dependent Pvs 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 10.2.3.2 Verification of resistance of insulating materials to normal heat 10.2.3.2 Verification of resistance of unusul mat to abnormal heat/fire by internal elect. effects 10.2.4 Resistance to ultra-violet (IV) radiation 10.2.5 Lifting 10.2.6 Mechanical impact 10.2.7 Inscriptions 10.3 Dees not apply, since the entire switchgear needs to be evaluated. 10.3 Protection against electric shock 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 components 10.8 Connections for external conductors 10.9 Son not apply, since the entire switchgear needs to be evaluated. 10.9 Son not apply, since the entire switchgear needs to be evaluated. 10.6 Incorporation of switching devices and components 10.7 Internal electrical circuits and connections 10.8 Connections for external conductors 10.9 Son not apply, since the entire switchgear needs to be evaluated. 10.9 Son not apply, since the entire switchgear needs to be evaluated. 10.9 Son not apply, since the entire switchgear needs to be evaluated. 10.8 Incorporation of switching devices and components 10.9 Internal electrical circuits and connections 10.9 Internal electric electric strength 10.9 Internal electrical circuits and connections 10.9 Internal electrical circuits and connections 10.9 Internal electrical circuits and connection	Equipment heat dissipation, current-dependent Pvid	0 W
Rated operational current for specified heat dissipation (In) Static heat dissipation, non-current-dependent Pvs 10.2.1 Verification or thermal stability of enclosures 10.2.3.1 Verification of tremal stability of enclosures 10.2.3.2 Verification of tremal stability of enclosures 10.2.3.2 Verification of tremal stability of enclosures 10.2.3.2 Verification of tremal stability of enclosures 10.2.3.3 Resist. of insul. mat. to abnormal heat 10.2.3.3 Resist. of insul. mat. to abnormal heat 10.2.4 Resistance to ultra-violet (UV) radiation 10.2.4 Resistance to ultra-violet (UV) radiation 10.2.5 Lifting 10.2.6 Mechanical impact 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 components 10.8 Connections for external conductors 10.9 Power-frequency electric strength 10.9.2 Power-frequency electric strength 10.9.3 Impulse withstand voltage 10.9.1 Steps general enclosures made of insulating material 10.1 Temperature rise 10.1 Temperature rise 10.1 Temperature rise 10.1 Short-circuit rating 10.1 Short-circuit rating 10.2 Is the panel builder's responsibility. The specifications for the switchgear must be observed. 10.13 Mechanical function 10.15 Mechanical function 10.15 Mechanical function 10.16 Temperature interes 10.15 Temperature rise 10.16 Temperature rise 10.16 Temperature rise 10.17 Temperature rise 10.18 Temperature rise 10.19 Temperature rise 10.19 Temperature rise 10.10 Temperature rise 10.1	Heat dissipation capacity Pdiss	0 W
Static heat dissipation, non-current-dependent Pvs 10.2.2 Corrosion resistance 10.2.3.1 Verification of thermal stability of enclosures 10.2.3.2 Verification of resistance of insulating materials to normal heat 10.2.3.2 Verification of resistance of insulating materials to normal heat 10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects 10.2.4 Resistance to ultra-violet (UV) radiation 10.2.5 Lifting 10.2.5 Lifting 10.2.6 Mechanical impact 10.2.7 Inscriptions 10.3.0 Degree of protection of assemblies 10.4.4 Clearances and creepage distances 10.4.5 Protection against electric shock 10.5 Protection against electric shock 10.6 Incorporation of switching devices and components 10.7 Internal electrical circuits and connections 10.9.1 Power-frequency electric strength 10.9.2 Power-frequency electric strength 10.9.3 Impulse withstand voltage 10.9.4 Testing of enclosures made of insulating material 10.1 Short-circuit rating 10.1 Short-circuit rating 10.13 Short-circuit rating 10.13 Mechanical function 10.13 Mechanical function 10.13 Mechanical function 10.14 Mechanical function 10.15 Mechanical function	Heat dissipation per pole, current-dependent Pvid	0 W
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 10.2.3.2 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 10.2.6 Mechanical impact 10.2.7 Inscriptions 10.3 Degree of protection of assemblies 10.4 Clarances and creepage distances 10.4 Clarances 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 10.13 Mechanical function 10.14 Electromagnetic compatibility 10.15 Mechanical function 10.15 Mechanical function 10.16 Incorporation of switching devices and components 10.17 Internal electrical circuits and connections 10.8 Legendary is responsibility. 10.9.18 Internal electrical circuits and connections 10.9.18 Internal electrical circuits and connections 10.19 Internal electrical circuits and connections 10.10 Interpretature rise 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.13 Mechanical function 10.14 Mechanical function 10.15 Mechanical function 10.15 Mechanical function 10.16 Meets the product standard's requirements. 10.17 Meetit entire switchgear meeds to be evaluated. 10.18 Meets the product standard's requirements. 10.19 Meets the pr	Rated operational current for specified heat dissipation (In)	0 A
10.2.3.1 Verification of thermal stability of enclosures 10.2.3.2 Verification of resistance of insulating materials to normal heat 10.2.3.2 Verification of resistance of insulating materials to normal heat 10.2.3.3 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 10.2.6 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 10.7 Internal electrical circuits and connections 10.9.4 Testing of enclosures made of insulating material 10.9.4 Testing of enclosures made of insulating material 10.9.4 Testing of enclosures made of insulating material 10.1 Temperature rise 10.1 Temperature rise 10.1 Short-circuit rating 10.1 Electromagnetic compatibility 10.1 Mechanical function 10.2 Flower-frequency electric strength 10.3 Mechanical function 10.4 Degree of protection against electric strength 10.5 Protection against electric strength 10.6 Incorporation of switching devices and components 10.7 Internal electrical circuits and connections 10.8 Lepanel builder's responsibility. 10.9 Prover-frequency electric strength 10.9 Is the panel builder's responsibility. 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 Heer and the product standard's requirements. 10.15 Mechanical function 10.16 Meets the product standard's requirements. 10.17 Meets the product standard's requirements. 10.18 Meets the product standard's requirements. 10.19 Meets the product standard's requirements. 10.19 Meets the product standard's requirements. 10.19	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 10.2.6 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 Ower-frequency electric strength 10.9 Nower-frequency electric strength 10.9 Not applicable. 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 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. 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. 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 nee	10.2.2 Corrosion resistance	Meets the product standard's requirements.
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 10.2.6 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 10.9 Power-frequency electric strength 10.9 Power-frequency electric strength 10.9 Is the panel builder's responsibility. 10.9 In 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 10.2.6 Mechanical impact 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 10.7 Internal electrical circuits and connections 10.8 Connections for external conductors 10.9 Power-frequency electric strength 10.9.1 Impact by 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 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.13 Mechanical function Please enquire Does not apply, since the entire switchgear needs to be evaluated. Meets the product standard's requirements. Meets the product standard's requirements. Meets the product standard's requirements. Does not apply, since the entire switchgear needs to be evaluated. Does not apply, since the entire switchgear needs to be evaluated. Does not apply, since the entire switchgear needs to be evaluated. 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 must be observed. In 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.
10.2.5 Lifting Does not apply, since the entire switchgear needs to be evaluated. 10.2.6 Mechanical impact Does not apply, since the entire switchgear needs to be evaluated. 10.2.7 Inscriptions Meets the product standard's requirements. 10.3 Degree of protection of assemblies Does not apply, since the entire switchgear needs to be evaluated. 10.4 Clearances and creepage distances Meets the product standard's requirements. 10.5 Protection against electric shock Does not apply, since the entire switchgear needs to be evaluated. 10.6 Incorporation of switching devices and components Does not apply, since the entire switchgear needs to be evaluated. 10.7 Internal electrical circuits and connections Is the panel builder's responsibility. 10.8 Connections for external conductors Is the panel builder's responsibility. 10.9.2 Power-frequency electric strength Is the panel builder's responsibility. 10.9.4 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. 10.10 Temperature rise Not applicable. 10.11 Short-circuit rating Is the panel builder's responsibility. The specifications for the switchgear must be observed. 10.12 Electromagnetic compatibility The device meets the requirements, provided the information in the instruction	10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects	Meets the product standard's requirements.
10.2.6 Mechanical impact 10.2.7 Inscriptions Meets the product standard's requirements. 10.3 Degree of protection of assemblies 10.4 Clearances and creepage distances Meets the product standard's requirements. 10.5 Protection against electric shock 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 Not applicable. 10.11 Short-circuit rating Is the panel builder's responsibility. The specifications for the switchgear must be observed. 10.12 Electromagnetic compatibility The device meets the requirements, provided the information in the instruction	10.2.4 Resistance to ultra-violet (UV) radiation	Please enquire
10.2.7 Inscriptions Meets the product standard's requirements. Does not apply, since the entire switchgear needs to be evaluated. Meets the product standard's requirements. 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. Does not apply, since the entire switchgear needs to be evaluated. In the panel builder's responsibility. Does not apply, since the entire switchgear needs to be evaluated. Is the panel builder's responsibility. 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 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.
10.3 Degree of protection of assemblies 10.4 Clearances and creepage distances Meets the product standard's requirements. 10.5 Protection against electric shock 10.6 Incorporation of switching devices and components 10.7 Internal electrical circuits and connections 10.8 Connections for external conductors 10.9.2 Power-frequency electric strength 10.9.3 Impulse withstand voltage 10.9.4 Testing of enclosures made of insulating material 10.10 Temperature rise 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.13 Mechanical function 10.13 Mechanical function 10.14 Clearances and creepage distances Meets the product standard's requirements. Meets the product standard's requirements. Meets the product standard's requirements. 10 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. Does not apply, since the entire switchgear needs to be evaluated. Is the panel builder's responsibility. Is the panel builder's responsibility. The specifications for the switchgear must be observed. The device meets the requirements, provided the information in the instruction	10.2.6 Mechanical impact	Does not apply, since the entire switchgear needs to be evaluated.
10.4 Clearances and creepage distances 10.5 Protection against electric shock 10.6 Incorporation of switching devices and components 10.7 Internal electrical circuits and connections 10.8 Connections for external conductors 10.9.2 Power-frequency electric strength 10.9.3 Impulse withstand voltage 10.9.4 Testing of enclosures made of insulating material 10.10 Temperature rise 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.13 Mechanical function Meets the product standard's requirements. Does not apply, since the entire switchgear needs to be evaluated. 10.5 be evaluated. 10.6 Incorporation of switching devices and components Is the panel builder's responsibility. The specifications for the switchgear must be observed. The device meets the requirements, provided the information in the instruction	10.2.7 Inscriptions	Meets the product standard's requirements.
10.5 Protection against electric shock 10.6 Incorporation of switching devices and components 10.7 Internal electrical circuits and connections 10.8 Connections for external conductors 10.9.2 Power-frequency electric strength 10.9.3 Impulse withstand voltage 10.9.4 Testing of enclosures made of insulating material 10.10 Temperature rise 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.13 Mechanical function 10.13 Mechanical function 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 must be observed. Is the panel builder's responsibility. The specifications for the switchgear must be observed. The device meets the requirements, provided the information in the instruction	10.3 Degree of protection of assemblies	Does not apply, since the entire switchgear needs to be evaluated.
10.6 Incorporation of switching devices and components 10.7 Internal electrical circuits and connections 10.8 Connections for external conductors 10.9.2 Power-frequency electric strength 10.9.3 Impulse withstand voltage 10.9.4 Testing of enclosures made of insulating material 10.10 Temperature rise 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.13 Mechanical function 10.13 Mechanical function 10.16 Internal electrical circuits and connections 11. Is the panel builder's responsibility. 12. Is the panel builder's responsibility. 13. Is the panel builder's responsibility. 14. Is the panel builder's responsibility. 15. Is the panel builder's responsibility. 16. Is the panel builder's responsibility. The specifications for the switchgear must be observed. 17. Is the panel builder's responsibility. The specifications for the switchgear must be observed. 18. Is the panel builder's responsibility. The specifications for the switchgear must be observed. 19. Is the panel builder's responsibility. The specifications for the switchgear must be observed. 19. Is the panel builder's responsibility. The specifications for the switchgear must be observed. 19. It is the panel builder's responsibility. The specifications for the switchgear must be observed.	10.4 Clearances and creepage distances	Meets the product standard's requirements.
10.7 Internal electrical circuits and connections 10.8 Connections for external conductors 10.9.2 Power-frequency electric strength 10.9.3 Impulse withstand voltage 10.9.4 Testing of enclosures made of insulating material 10.10 Temperature rise 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.13 Mechanical function 10.13 Mechanical function Is the panel builder's responsibility. Is the panel builder's responsibility. Is the panel builder's responsibility. Not applicable. Is the panel builder's responsibility. The specifications for the switchgear must be observed. The device meets the requirements, provided the information in the instruction	10.5 Protection against electric shock	Does not apply, since the entire switchgear needs to be evaluated.
10.8 Connections for external conductors 10.9.2 Power-frequency electric strength 10.9.3 Impulse withstand voltage 10.9.4 Testing of enclosures made of insulating material 10.10 Temperature rise 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.13 Mechanical function 10.13 Mechanical function 10.14 Esternal conductors Is the panel builder's responsibility. Is the panel builder's responsibility. Not applicable. Is the panel builder's responsibility. The specifications for the switchgear must be observed. 10.12 Electromagnetic compatibility The device meets the requirements, provided the information in the instruction	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 10.14 Is the panel builder's responsibility. The specifications for the switchgear must be observed. 10.15 the panel builder's responsibility. The specifications for the switchgear must be observed. 10.15 The device meets the requirements, provided the information in the instruction	10.7 Internal electrical circuits and connections	Is the panel builder's responsibility.
10.9.3 Impulse withstand voltage 10.9.4 Testing of enclosures made of insulating material 10.10 Temperature rise 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.13 Mechanical function 10.13 Mechanical function Is the panel builder's responsibility. The specifications for the switchgear must be observed. The device meets the requirements, provided the information in the instruction	10.8 Connections for external conductors	Is the panel builder's responsibility.
10.9.4 Testing of enclosures made of insulating material 10.10 Temperature rise Not applicable. 10.11 Short-circuit rating Is the panel builder's responsibility. The specifications for the switchgear must be observed. 10.12 Electromagnetic compatibility 10.13 Mechanical function Is the panel builder's responsibility. The specifications for the switchgear must be observed. The device meets the requirements, provided the information in the instruction	10.9.2 Power-frequency electric strength	Is the panel builder's responsibility.
10.10 Temperature rise Not applicable. 10.11 Short-circuit rating Is the panel builder's responsibility. The specifications for the switchgear must be observed. 10.12 Electromagnetic compatibility Is the panel builder's responsibility. The specifications for the switchgear must be observed. 10.13 Mechanical function The device meets the requirements, provided the information in the instruction	10.9.3 Impulse withstand voltage	Is 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. 10.13 Mechanical function The device meets the requirements, provided the information in the instruction	10.9.4 Testing of enclosures made of insulating material	Is the panel builder's responsibility.
observed. 10.12 Electromagnetic compatibility 10.13 Mechanical function observed. Is the panel builder's responsibility. The specifications for the switchgear must be observed. The device meets the requirements, provided the information in the instruction	10.10 Temperature rise	Not applicable.
observed. 10.13 Mechanical function The device meets the requirements, provided the information in the instruction	10.11 Short-circuit rating	
	10.12 Electromagnetic compatibility	
	10.13 Mechanical function	

Technical data ETIM 9.0

Low-voltage industrial components (EG000017) / Front element for selector switch (EC000222)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Front element for selector switches (ecl@ss13-27-37-12-13

[AKF031019])	
Number of switch positions	2
Type of control element	Turn button
Suitable for illumination	No
Colour control element	Black
Colour indicator light cap	Other
Construction type lens	Round

Hole diameter	mm	22.5
Width opening	mm	0
Height opening	mm	0
Switching function latching		Yes
Spring-return		No
With front ring		Yes
Material front ring		Plastic
Colour front ring		Black
Degree of protection (IP), front side		IP66
Degree of protection (NEMA)		4X, 13