LED element, white, front mount, cage clamp

Powering Business Worldwide

Part no. M22-CLED230-W

216575

EL Number 4355780

(Norway)

(Norway)	
General specifications	
Product name	Eaton Moeller® series M22 Accessory LED
Part no.	M22-CLED230-W
EAN	4015082165758
Product Length/Depth	39 millimetre
Product height	39 millimetre
Product width	10 millimetre
Product weight	0.01 kilogram
Compliances	CE Marked
Certifications	UL 508 CSA Std. C22.2 No. 94-91 EN 60947-5 IEC 60947-5 CSA Std. C22.2 No. 14-05 VDE CSA-C22.2 No. 14-05 CSA File No.: 012528 CSA IEC 60947-5-1 CSA-C22.2 No. 94-91 UL File No.: E29184 CE UL IEC/EN 60947-5 UL Category Control No.: NKCR CSA Class No.: 3211-03
Product Tradename	M22
Product Type	Accessory
Product Sub Type	LED
Catalog Notes	Cage Clamp is a registered trademark of Wago Kontakttechnik GmbH/Minden, Germany
Features & Functions	
Color	White
Fitted with:	Light source Diode
Light color	White
General information	
Degree of protection	IP20
Lifespan, electrical	100,000 h (at 25°C, according to EN60064)
Operating torque	0.8 N⋅m
Overvoltage category	III
Pollution degree	3
Rated impulse withstand voltage (Uimp)	6000 V AC
Voltage type	AC
Ambient conditions, mechanical	
Mounting position	As required
	Mechanical, According to IEC/EN 60068-2-27
Shock resistance	30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms
	30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms
Climatic environmental conditions	30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms
Climatic environmental conditions Ambient operating temperature - min	
Climatic environmental conditions Ambient operating temperature - min Ambient operating temperature - max	-25 °C 70 °C
Climatic environmental conditions Ambient operating temperature - min	-25 °C

Terminal capacity (solid) Terminal capacity (stranded) Clectrical rating Power consumption Rated insulation voltage (Ui) Rated operational current (le) - min Rated operational voltage (Ue) at AC - max Rated operational voltage (Ue) at AC - min Rated operational voltage (Ue) at AC - min Rated operational voltage (Ue) at DC - min Rated operational voltage (Ue) at DC - min Connection to SmartWire-DT Connection to SmartWire-DT Connection type Contacts Force for positive opening - min O 5 - 2.5 mm² 0.5 - 2.5 mm² Max. 0.33 W Max. 0.33 W 500 V 600 V	Towning Languities	
Particular Lapacity (Stranded)	Terminal capacities	
Power consumption Power consumption Rated operational current (let- min Rated operational voltage (Ue) at AC - mix Rated operational voltag		
Power consumption Mac. 0.33 W South State Mac. 0.35 W South Sout		0.5 - 2.5 mm²
Rated instalation voltage (LII) Rated operational current Itel - min Rated operational current Itel - min Rated operational voltage (Lie) at AC - mix Rated operational voltage (Lie) at DC - mix Rate	Electrical rating	
Rated operational current (le) - nin Rated operational current (le) - nine Rated operational current (le) - nine Rated operational voltage (le) at AC - min Rated operational voltage (le) at AC - min Rated operational voltage (le) at DC - max Rated operational voltage (le) at DC - min Rated department operation of product sta	Power consumption	Max. 0.33 W
Rate di operational current (la) - max Rate di operational voltage (la) et AC - max Rate di operational voltage (la) et DC - max Rate di operational voltage (la) et DC - max Rate di operational voltage (la) et DC - min Rate di operational voltage (la) et DC - min Rate di operational voltage (la) et DC - min Rate di operational voltage (la) et DC - min Rate di operational voltage (la) et DC - min Rate di operational voltage (la) et DC - min Rate di operational voltage (la) et DC - min Rate di operational voltage (la) et DC - min Rate di operational voltage (la) et DC - min Rate di operational voltage (la) et DC - min Rate di operational voltage (la) et DC - min Rate di sispation operational voltage (la) et DC - min Rate di sispation operational voltage (la) et DC - min Rate di sispation operational current for specified hat dissipation (la) Rate di dissipation operational current for specified hat dissipation (la) Rate di dissipation operational current for specified hat dissipation (la) Rate di dissipation operational current for specified hat dissipation (la) Rate di dissipation operational current for specified hat dissipation (la) Rate di dissipation operational current for specified hat dissipation (la) Rate di dissipation of trestational (la) Rate di dissipation of restational of requirements. Rate di dissipation of restational of restational requirements. Rate di dissipation of restational of restational requirements. Rate di dissipation of restational of restational requirements. Rate di dissipation of restational of requirements. Rate di dissipation of restational requirements. Rate di dissipation di restational requirements. Rate di dissipat	Rated insulation voltage (Ui)	500 V
Rated operational voltage (IJe) at AC - min Rated operational voltage (IJe) at AC - min Rated operational voltage (IJe) at DC - mix Rated operational voltage (IJe) at DC - min Rated operational voltage (IJE) Rated Rate	Rated operational current (le) - min	5 mA
Rated operational voltage (Ue) at AC - min Rated operational voltage (Ue) at DC - max Rated operational voltage (Ue) at DC - min Connection to Smart/Wre-DT	Rated operational current (le) - max	15 mA
Rated operational voltage (Ue) at DC - mix Communication Commetion SmartWire- DT Commetion type Front fixing	Rated operational voltage (Ue) at AC - max	264 V
Rated operational voltage (Ue) at DC - min Commercion to SmartWire-DT Connection type Front fixing Connection type Front fixing Connection type Front fixing ON Resign verification Equipment head dissipation, current-dependent Pvid Head dissipation capacity Pdiss OW Heat dissipation capacity Pdiss OW Heat dissipation, con-current-dependent Pvid Heat dissipation, con-current dependent Pvid Authority of the dissipation capacity pdiss OW Heat dissipation per pole, current-dependent Pvid Authority of the dissipation capacity Pdiss OW Heat dissipation per pole, current-dependent Pvid Authority of the dissipation of the pole that dissipation (In) 10.2.2 Connection of the standard for sequirements. Meets the product standard's requirements. 10.2.3.1 Verification of thermal stability of enclosures 10.2.3.1 Verification of treatance of insulating materials to normal heat 10.2.2.3 Peristance to ultra-violet (IVI) radiation 10.2.5 Lifting Ones not apply, since the entire switchgear needs to be evaluated. 10.2.7 Inscriptions Meets the product standard's requirements. 10.2.8 Insulation of discriptions Meets the product standard's requirements. 10.2.9 Inscriptions Meets the product standard's requirements. Meets the product standard's requirements. Meets the product standard's requirements. 10.2.1 Verification of assemblies Ones not apply, since the entire switchgear needs to be evaluated. 10.2.7 Inscriptions Meets the product standard's requirements. 10.3 Protection against electric shock Ones 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 Ones 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. The panel builder's responsibility. 10.5 Protection against electric shock 10.7 Internal electrical circ	Rated operational voltage (Ue) at AC - min	85 V
Connection to SmartWire-DT Connection to Smart Wire-DT Connection to Connection to Connection Connection to Connection Connection to Connection Connection	Rated operational voltage (Ue) at DC - max	0 V
Connection to SmartWire-DT Connection type Force for positive opening - min Pesign verification Equipment hear dissipation, current-dependent Pvid Heat dissipation capacity Pdiss Heat dissipation appealing - min Pated operational current for specified heat dissipation (II) State heat dissipation per pole, current-dependent Pvid Bated operational current for specified heat dissipation (II) State heat dissipation on-current-dependent Pvid Bated operational current for specified heat dissipation (II) State heat dissipation on-current-dependent Pvid Bated operational current for specified heat dissipation (II) State heat dissipation on-current-dependent Pvid Bated operational current dependent Pvid Bated operational current d	Rated operational voltage (Ue) at DC - min	0 V
Connection type Contacts Force for positive opening - min Costign verification Equipment heat dissipation, current-dependent Pvid Heat dissipation capacity Pdiss OW Heat dissipation capacity Pdiss OW Heat dissipation per pole, current-dependent Pvid Heat dissipation per pole, current-dependent Pvid OW Rated operational current for specified heat dissipation (in) Static heat dissipation, non-current-dependent Pvid Heat dissipation, non-current-dependent Pvid Weets the product standard's requirements. 102.21 Verification of thermal stability of enclosures Meets the product standard's requirements. 102.23 Verification of resistance of insulating materials to normal heat 102.24 Resistance to ultra-violet (UV) radiation Meets the product standard's requirements. 102.25 Lifting Obes not apply, since the entire switchgear needs to be evaluated. 102.26 Mechanical impact Does not apply, since the entire switchgear needs to be evaluated. 102.27 Inscriptions Meets the product standard's requirements. 103. Degree of protection of assemblies 104. Clearances and respenge 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. Internal electrical circuits and connections 108. Connections for external conductors 109. Does not apply, since the entire switchgear needs to be evaluated. 109. The panel builder's responsibility. 109. 27 Power-Frequency electric strength 109. 28 Connections for external conductors 109. 31 Impulse withstand voltage 109. 31 Impulse withstand voltage 109. 41 Esteting of enclosures made of insulating material 109. 42 February electric is rengenth 109. 43 February electric is rengenth 109. 44 February electric is rengensibility. 109. 54 February electric is rengensibility. 109. 55 February electric is rengensibility. 109. 55 February electric is rengensibility. 109. 55 February experiments. 109. 5	Communication	
Force for positive opening - min Posign verification Equipment heat dissipation, current-dependent Pvid Equipment heat dissipation per pole, current-dependent Pvid Rated operational current for specified heat dissipation (In) Rated operational of semilarity is requirements. Reds the product standard's r	Connection to SmartWire-DT	No
Force for positive opening - min Design verification Equipment heat dissipation, current-dependent Pvid Heat dissipation per pole, current-dependent Pvid Heat dissipation per pole, current-dependent Pvid Heat dissipation per pole, current-dependent Pvid Bated operational current for specified heat dissipation (In) Static heat dissipation, non-current-dependent Pvis 10.2.2 Corrosion resistance Meets the product standard's requirements. Does not apply, since the entire switchpear needs to be evaluated. Meets the product standard's requirements. Meets the product standard's requ	Connection type	Front fixing
Resign verification Equipment heat dissipation, current-dependent Pvid Heat dissipation capacity Pdiss OW Heat dissipation per pole, current-dependent Pvid OW Static heat dissipation, non-current-dependent Pvid Alter deperational current for specified heat dissipation (In) OA Static heat dissipation, non-current-dependent Pvs 10.2.2 Corrosion resistance Meats the product standard's requirements. Meets the product standard's requirements. 10.2.3.2 Verification of themal stability of enclosures Meets the product standard's requirements. 10.2.3.2 Verification of themal stability of enclosures Meets the product standard's requirements. 10.2.3.2 Verification of themal stability of enclosures Meets the product standard's requirements. 10.2.3.2 Verification of utra-violet (IVV) 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. 10.3.2 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 components Does not apply, since the entire switchgear needs to be evaluated. 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 Power-frequency electric strength Is the panel builder's responsibility. 10.10 Temperature rise The panel builder's responsibility. 10.10 Temperature rise The panel builder's responsibility. 10.10 Temperature rise The panel builder's responsibi	Contacts	
Equipment heat dissipation, current-dependent Pvid Heat dissipation capacity Pdiss 0 W Rated dissipation per pole, current-dependent Pvid Rated operational current for specified heat dissipation (In) 10 A Static heat dissipation, non-current-dependent Pvs 11 W 10.2.2 Corrosion resistance 10.2.3.1 Verification of thermal stability of enclosures Meets the product standard's requirements. 10.2.3.2 Verification of resistance of insulating materials to normal heat 10.2.3.3 Resist of insul. mat. to abnormal heat/fire by internal elect. effects 10.2.4 Resistance to ultra-violet (IV) radiation Meets the product standard's requirements. 10.2.5 Uffining 10.2.5 Ufficial in pact 10.2.5 Ufficial in pact 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 10.5 Protection against electric shock 10.6 Incorporation of switching divices and components 10.5 Protection against electric shock 10.6 Incorporation of switching divices and components 10.7 Internal electrical circuits and connections 10.8 Connections for external conductors 10.9 Responsibility. 10.9.2 Power-frequency electric strength 10.9 Son the panel builder's responsibility. 10.9.3 Power-frequency electric strength 10.9 Interpreture rise 10.1 Temperature rise 10.2 The panel builder's responsibility. 10.3 Heating a description of the temperature rise calculation. Eaton will provide heat dissipation data for the devices. 10.1 Temperature rise 10.1 Temperature rise 10.1 Temperature rise 10.1 Temperature rise 10.2 Temperature rise 10.3 Heating a disease of the switchgear must be observed. 10.1 Step panel builder's responsibility. The specifications for the switchgear must be observed.	Force for positive opening - min	0 N
Equipment heat dissipation, current-dependent Pvid Heat dissipation capacity Pdiss 0 W Rated dissipation per pole, current-dependent Pvid Rated operational current for specified heat dissipation (In) 10 A Static heat dissipation, non-current-dependent Pvs 11 W 10.2.2 Corrosion resistance 10.2.3.1 Verification of thermal stability of enclosures Meets the product standard's requirements. 10.2.3.2 Verification of resistance of insulating materials to normal heat 10.2.3.3 Resist of insul. mat. to abnormal heat/fire by internal elect. effects 10.2.4 Resistance to ultra-violet (IV) radiation Meets the product standard's requirements. 10.2.5 Uffining 10.2.5 Ufficial in pact 10.2.5 Ufficial in pact 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 10.5 Protection against electric shock 10.6 Incorporation of switching divices and components 10.5 Protection against electric shock 10.6 Incorporation of switching divices and components 10.7 Internal electrical circuits and connections 10.8 Connections for external conductors 10.9 Responsibility. 10.9.2 Power-frequency electric strength 10.9 Son the panel builder's responsibility. 10.9.3 Power-frequency electric strength 10.9 Interpreture rise 10.1 Temperature rise 10.2 The panel builder's responsibility. 10.3 Heating a description of the temperature rise calculation. Eaton will provide heat dissipation data for the devices. 10.1 Temperature rise 10.1 Temperature rise 10.1 Temperature rise 10.1 Temperature rise 10.2 Temperature rise 10.3 Heating a disease of the switchgear must be observed. 10.1 Step panel builder's responsibility. The specifications for the switchgear must be observed.	Design verification	
Heat dissipation capacity Pdiss Heat dissipation per pole, current-dependent Pvid Rated operational current for specified heat dissipation (in) OA Static heat dissipation, non-current-dependent Pvs IW 10.2.2 Corrosion resistance Meets the product standard's requirements. 10.2.3.1 Verification of thermal stability of enclosures Meets the product standard's requirements. 10.2.3.2 Verification of resistance of insulating materials to normal heat 10.2.3.2 Verification of resistance of insulating materials to normal heat 10.2.3.3 Resist of insul. mat. to abnormal heat/fire by internal elect. effects Meets the product standard's requirements. 10.2.5 Litting Meets the product standard's requirements. Does not apply, since the entire switchgear needs to be evaluated. 10.2.5 Litting Does not apply, since the entire switchgear needs to be evaluated. 10.4 Clearances and creepage distances Meets the product standard's requirements. Does not apply, since the entire switchgear needs to be evaluated. 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 10.8 Incorporation of switching devices and components 10.8 Incorporation of switching devices and components 10.9 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 The panel builder's responsibility. 10.9.4 Testing of anciosures made of insulating material 10.10 Temperature rise The panel builder's responsibility. 10.11 Short-circuit rating List the panel builder's responsibility. The panel builder's responsibility. The panel builder's responsibility. The specifications for the switchgear must be observed.		0 W
Heat dissipation per pole, current-dependent Pvid Rated operational current for specified heat dissipation (In) Static heat dissipation, non-current-dependent Pvs 102.2 Corrosion resistance Meets the product standard's requirements. 102.3.3 Resistance fo insulating materials 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 Meets the product standard's requirements. 102.5 Lifting Does not apply, since the entire switchgear needs to be evaluated. 102.5 Inscriptions Meets the product standard's requirements. Does not apply, since the entire switchgear needs to be evaluated. 102.7 Inscriptions Meets the product standard's requirements. Does not apply, since the entire switchgear needs to be evaluated. 103.1 Degree of protection of assemblies Does not apply, since the entire switchgear needs to be evaluated. 104.1 Clearances and creepage distances Meets the product standard's requirements. Does not apply, since the entire switchgear needs to be evaluated. 105.1 Internal electrical circuits and components Does not apply, since the entire switchgear needs to be evaluated. 106.1 Incorporation of switching devices and components Internal electrical circuits and connections Internal electrical		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 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. 10.9.4 Testing of enclosures made of insulating material 10.9.4 Testing of enclosures made of insulating material 10.11 Short-circuit rating Lectromagnetic compatibility 10.12 Electromagnetic compatibility Is the panel builder's responsibility. The specifications for the switchgear must be observed. 10.13 Mechanical function The device meets the requirements, provided the information in the instruction	Heat dissipation per pole, current-dependent Pvid	0 W
10.2.2 Corrosion resistance Meets the product standard's requirements. 10.2.3.1 Verification of thermal stability of enclosures Meets the product standard's requirements. 10.2.3.2 Verification of resistance of insulating materials to normal heat 10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects Meets the product standard's requirements. 10.2.4 Resistance to ultra-violet (UV) radiation Meets the product standard's requirements. 10.2.5 Lifting Does not apply, since the entire switchgear needs to be evaluated. 10.2.7 Inscriptions Meets the product standard's requirements. 10.2.8 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. 10.5 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. The specifications for the switchgear must be observed. 10.11 Short-circuit rating 10.12 Electromagnetic compatibility Is the panel builder's responsibility. The specifications for the switchgear must be observed.		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 10.2.3.3 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 10.2.8 German of protection of assemblies 10.3.0 Begree of protection of assemblies 10.3.1 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 10.13 Mechanical function 10.13 Mechanical function 10.14 Mechanical function 10.15 The device meets the requirements. 10.16 Incorporation of switching devices and components 10.17 Internal electrical circuits and connections 10.18 Incorporation of switching devices and components 10.19 Internal electrical circuits and connections 10.20 Prover-frequency electric strength 10.30 Impulse withstand voltage 10.40 Internal electric strength 10.51 Internal electric strength 10.52 Power-frequency electric strength 10.54 Degree of insulating material 10.55 Internal builder's responsibility. 10.56 Internal builder's responsibility. 10.57 Internal builder's responsibility. 10.58 Degree of insulating material 10.59 Internal builder's responsibility. 10.60 Internal builder's responsibility. 10.70 Internal builder's responsibility. 10.80 Internal builder's responsibility. 10.90 Internal	Static heat dissipation, non-current-dependent Pvs	1 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 10.2.5 Lifting 10.2.5 Lifting 10.2.5 Does not apply, since the entire switchgear needs to be evaluated. 10.2.7 Inscriptions 10.2.7 Inscriptions 10.2.8 Meets the product standard's requirements. 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 10.9 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 10.10 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. 10.15 Meets the product standard's requirements. 10.16 Incorporation of switching devices and components 10.17 Internal electrical circuits and connections 10.18 the panel builder's responsibility. 10.29 Power-frequency electric strength 10.30 Internal electrical circuits and connections 10.40 Internal electrical circuits and connections 10.50 Internal electrical circuits and connections 10.60 Internal electrical circuits and connections 10.70 Internal electrical circuits and connections 10.71 Internal electrical circuits and connections 10.72 Internal electrical circuits and connections 10.73 Internal electrical circuits and connections 10.74 Internal electrical circuits and connections 10.75 Internal electrical circuits and connections 10.75 Internal electrical circuits and connections 10.76 Internal electrical circuits and connections 10.76 Internal electrical circuits and connections 10.77 Internal electrical circuits and connections 10.78 Internal electrica	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 10.9.3 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. Does not apply, since the entire switchgear needs to be evaluated. Is the panel builder's responsibility. In 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.	10.2.3.1 Verification of thermal stability of enclosures	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. 10.27 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 Is the panel builder's responsibility. 10.10 Temperature rise In 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 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. 10.9.2 Power-frequency electric strength Is the panel builder's responsibility. 10.9.4 Testing of enclosures made of insulating material Is the panel builder is responsibility. 10.10 Temperature rise 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	10.2.3.3 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 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'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 10.13 Mechanical function 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.
10.2.7 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 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. 10.11 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	10.2.5 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 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 Edevice 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 Shoes 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. Is the panel builder's responsibility. The specifications for the switchgear must be observed.	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 Does not apply, since the entire switchgear needs to be evaluated. 10 she panel builder's responsibility. 11 sthe panel builder's responsibility. 12 sthe panel builder's responsibility. 13 the panel builder's responsibility. 14 the panel builder's responsibility. 15 the panel builder's responsibility. 16 the panel builder's responsibility. 17 the panel builder's responsibility. The specifications for the switchgear must be observed. 18 the panel builder's responsibility. The specifications for the switchgear must be observed. 19 the panel builder's responsibility. The specifications for the switchgear must be observed. 10 the panel builder's responsibility. The specifications for the switchgear must be observed.	10.3 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 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's responsibility. The specifications for the switchgear must be observed. 1s the panel builder's responsibility. The specifications for the switchgear must be observed. 1s the panel builder's responsibility. The specifications for the switchgear must be observed. 1s the panel builder's responsibility. The specifications for the switchgear must be observed. 1s 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 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. 10.9.3 Impulse withstand voltage 1s the panel builder's responsibility. 1s the panel builder's responsibility. 1s the panel builder's responsibility. 1s the panel builder is responsibility. 1n panel builder is responsibility. The specifications for the switchgear must be observed. 1n panel builder's responsibility. The specifications for the switchgear must be observed. 1n panel builder's responsibility. The specifications for the switchgear must be observed. 1n panel builder's responsibility. The specifications for the switchgear must be observed. 1n panel builder's responsibility. The specifications for the switchgear must be observed.	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 10.18 the panel builder's responsibility. 11.19 Is the panel builder's responsibility. 12.10 Is the panel builder's responsibility. 13.11 Short-circuit rating 14.12 Electromagnetic compatibility 15.15 the panel builder's responsibility. The specifications for the switchgear must be observed. 16.19 The panel builder's responsibility. The specifications for the switchgear must be observed. 17.18 Mechanical function 18. The panel builder's responsibility. The specifications for the switchgear must be observed. 18. The panel builder's responsibility. The specifications for the switchgear must be observed.	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 Is the panel builder's responsibility. The specifications for the switchgear must be observed. 10.15 Mechanical function 10.16 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 Is the panel builder's responsibility. 10.9.4 Testing of enclosures made of insulating material Is the panel builder's responsibility. The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices. 10.11 Short-circuit rating Is the panel builder's responsibility. The specifications for the switchgear must 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	10.8 Connections for external conductors	Is the panel builder's responsibility.
10.9.4 Testing of enclosures made of insulating material 10.10 Temperature rise 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.13 Mechanical function 10.13 Mechanical function 10.14 Testing of enclosures made of insulating material 15 the panel builder's responsibility. 16 the panel builder's responsibility. The specifications for the switchgear must be observed. 17 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 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.
provide heat dissipation data for the devices. 10.11 Short-circuit rating 1s the panel builder's responsibility. The specifications for the switchgear must be observed. 10.12 Electromagnetic compatibility 1s 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 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	10.10 Temperature rise	
observed. 10.13 Mechanical function The device meets the requirements, provided the information in the instruction	10.11 Short-circuit rating	
	10.12 Electromagnetic compatibility	
	10.13 Mechanical function	

Technical data ETIM 9.0

Low-voltage industrial components (EG000017) / Lamp holder block for control circuit devices (EC000204)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Bulb socket block for command and alarm devices (ecl@ss13-27-37-12-09 [AKF027019])

(ECI@3310-27-07-12-03 [AIXI 027010])	
Transformer integrated	No
With integrated voltage decreasing resistor	No
With light source	Yes

With integrated diode		Yes
Lamp holder		None
Rated voltage Ue at AC 50 Hz	V	85 - 264
Rated voltage Ue at AC 60 Hz	V	85 - 264
Rated voltage Ue at DC	V	0 - 0
Voltage type for actuating		AC
Lamp type		LED
Connection type auxiliary circuit		Spring clamp connection
Colour light source		White
Type of fastening		Front fastening