## Illuminated pushbutton actuator, red, momentary



Part no. Q25LT-RT 086238

General specifications	
Product name	Eaton Moeller® series RMQ16 Illuminated pushbutton actuator
Part no.	Q25LT-RT
EAN	4015080862383
Product Length/Depth	59 millimetre
Product height	25 millimetre
Product width	25 millimetre
Product weight	0.011 kilogram
Certifications	CSA-C22.2 No. 14-05 UL Category Control No.: NKCR CE IEC/EN 60947-5 IEC/EN 60947 CSA File No.: 46552 CSA Class No.: 3211-03 UL 508 CSA UL UL File No.: E29184
Product Tradename	RMQ16
Product Type	Illuminated pushbutton actuator
Product Sub Type	None
Catalog Notes	Filament bulb or LED needs to be ordered separately
Features & Functions	
Bezel color	Black
Bezel material	Plastic
Design	Flat
Inscription	Blank
General information	
Degree of protection	IP65 NEMA 1
Degree of protection (front side)	IP65 NEMA 1
Lifespan, mechanical	3,000,000 Operations
Opening diameter	16 mm
Operating frequency	3600 Operations/h
Overvoltage category	III
Pollution degree	3
Product category	RMQ16
Size	Front dimensions: 25 x 25 mm
Rated impulse withstand voltage (Uimp)	800 V AC
Suitable for	Illumination
Terminal size	$2.8\times0.8$ mm to DIN 46244, Blade terminal $2.8\times0.8$ mm to DIN 46247 and IEC 60760, Fast-on connectors
Туре	Illuminated pushbutton actuator
Ambient conditions, mechanical	
Mounting position	As required
Shock resistance	40 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms Mechanical, According to IEC/EN 60068-2-27
Climatic environmental conditions	
Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	60 °C
Ambient operating temperature (enclosed) - min	25 °C
Ambient operating temperature (enclosed) - max	40 °C

Electrical rating     Damp heat, constant, to IEC 60068-2-78       Rated insulation voltage (Ui)     250 V       Rated operational voltage (Ue) at AC - max     24 V       Actuator     4 N       Actuator color     Red       Actuator function     Momentary Spring-return       Contacts     1 failure per 5,000,000 switching operations (statistically determined, at 5 V DC/1 mA)	Objective and Free	Demarkant and in the IEC COCCO O CO
Rated operational voltage (Ue) at AC - max  Actuation forco  Contacts  Correct circuit reliability  In June per 1,000,0000 switching operations (Stratistically determined, at 5 V DC/I may be per 1,000,0000 switching operations (Stratistically determined, at 5 V DC/I may be per 1,000,0000 switching operations (Stratistically determined, at 2 V DC/I may be per 1,000,0000 switching operations (Stratistically determined, at 2 V DC/I may be per 1,000,0000 switching operations (Stratistically determined, at 2 V DC/I may be per 1,000,0000 switching operations (Stratistically determined, at 2 V DC/I may be per 1,000,0000 switching operations (Stratistically determined, at 2 V DC/I may be per 1,000,0000 switching operations (Stratistically determined, at 2 V DC/I may be per 1,000,0000 switching operations (Stratistically determined, at 2 V DC/I may be per 1,000,0000 switching operations (Stratistically determined, at 2 V DC/I may be per 1,000,0000 switching operations (Stratistically determined, at 2 V DC/I may be per 1,000,0000 switching operations (Stratistically determined, at 2 V DC/I may be per 1,000,0000 switching operations (Stratistically determined, at 2 V DC/I may be per 1,000,0000 switching operations (Stratistically determined, at 2 V DC/I may be per 1,000,0000 switching operations (Stratistically determined, at 2 V DC/I may be per 1,000,0000 switching operations (Stratistically determined, at 2 V DC/I may be per 1,000,0000 switching operations (Stratistically determined, at 2 V DC/I may be per 1,000,0000 switching operations (Stratistically determined, at 2 V DC/I may be per 1,000,0000 switching operations (Stratistically determined, at 2 V DC/I may be per 1,000,0000 switching operations (Stratistically determined, at 2 V DC/I may be per 1,000,0000 switching operations (Stratistically determined, at 2 V DC/	Climatic proofing	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
Rated operational voltage (Lef) at AC - max  Actuation  Actuation (Inco)  Contacts  Control circuit reliability  In all are per \$0,000,000 switching aperations (Statistically determined, at 5 V DCP) In all are per 10,000,000 switching aperations (Statistically determined, at 5 V DCP) In all are per 10,000,000 switching aperations (Statistically determined, at 5 V DCP) In all are per 10,000,000 switching aperations (Statistically determined, at 5 V DCP) In all are per 10,000,000 switching aperations (Statistically determined, at 5 V DCP) In all are per 10,000,000 switching aperations (Statistically determined, at 2 V DCP) In all are per 10,000,000 switching aperations (Statistically determined, at 2 V DCP) In all are per 10,000,000 switching aperations (Statistically determined, at 2 V DCP) In all are per 10,000,000 switching aperations (Statistically determined, at 2 V DCP) In all are per 10,000,000 switching aperations (Statistically determined, at 2 V DCP) In all are per 10,000,000 switching aperations (Statistically determined, at 2 V DCP) In all are per 10,000,000 switching aperations (Statistically determined, at 2 V DCP) In all are per 10,000,000 switching aperations (Statistically determined, at 2 V DCP) In all are per 10,000,000 switching aperations (Statistically determined, at 2 V DCP) In all are per 10,000,000 switching aperations (Statistically determined, at 2 V DCP) In all are per 10,000,000 switching aperations (Statistically determined, at 2 V DCP) In all are per 10,000,000 switching aperations (Statistically determined, at 2 V DCP, In all are per 10,000,000 switching aperations (Statistically determined, at 2 V DCP, In all are per 10,000,000 switching aperations (Statistically determined, at 2 V DCP, In all are per 10,000,000 switching aperations (Statistically determined, at 2 V DCP, In all are per 10,000,000 switching aperations (Statistically determined, at 2 V DCP, In all are per 10,0	Electrical rating	
Actuator ranciso Actuator function Actuator function Actuator function Actuator function Actuator function Actuator function  Contacts  Control circuit reliability Control circuit reliability  Control circuit reliability  Communication  Connection  Connection  Connection to SmartWire-DT  Design verification  Connection to SmartWire-DT  Design verification  All failure per 1,0,000,000 switching operations (Statistically determined, at 24 V DCP)  MAY  Posign verification  Connection to SmartWire-DT  Design verification  OW  Heat dissipation capacity Pdiss  OW  Heat dissipation per polic, current-dependent Pvid  Heat dissipation or prolic, current-dependent Pvid  Astatic heat dissipation, our-current-dependent Pvid  Static heat dissipation, non-current-dependent Pvid  10.2.2 Verification of resistance of insulating materials to normal heat  10.2.3.1 Verification of thermal stability of exclusives  Meets the product standard's requirements.  10.2.2.2 Verification of resistance of insulating materials to normal heat  10.2.3.2 Resistance to insul. mat. to abnormal heat@five by internal elect. effects  10.2.3.4 Design on the remise stability of exclusives  Meets the product standard's requirements.  10.2.3.1 Verification of resistance of insul. mat. to abnormal heat@five by internal elect. effects  10.2.3 Legislation of insul. mat. to abnormal heat@five by internal elect. effects  Meets the product standard's requirements.  10.2.3 Legislation of one of apply, since the entire switchgear renests to be evaluated.  10.2.3 Legislation of assemblies  Does not apply, since the entire switchgear renests to be evaluated.  10.3 Degree of production of assemblies  Does not apply, since the entire switchgear renests to be evaluated.  10.4 December of a separability.  10.5 Internal electrical circuits and connections  10.5 Internal electrical circuits and connections  10.5	Rated insulation voltage (Ui)	250 V
Actuating force 4 N Actuator color Actuator for Inncion Actuator function  Contacts  Control circuit reliability  I failure per 1,000,000 evitching operations (statistically determined, at 5 V DCI) max) I failure per 1,000,000 evitching operations (Statistically determined, at 2 V DCI) max) I failure per 1,000,000 evitching operations (Statistically determined, at 2 V DCI) max) I failure per 1,000,000 evitching operations (Statistically determined, at 2 V DCI) max) I failure per 1,000,000 evitching operations (Statistically determined, at 2 V DCI) max) I failure per 1,000,000 evitching operations (Statistically determined, at 2 V DCI) max) I failure per 1,000,000 evitching operations (Statistically determined, at 2 V DCI) max) I failure per 1,000,000 evitching operations (Statistically determined, at 2 V DCI) max) I failure per 1,000,000 evitching operations (Statistically determined, at 2 V DCI) max) I failure per 1,000,000 evitching operations (Statistically determined, at 2 V DCI) max) I failure per 1,000,000 evitching operations (Statistically determined, at 2 V DCI) max) I failure per 1,000,000 evitching operations (Statistically determined, at 2 V DCI) max) I failure per 1,000,000 evitching operations (Statistically determined, at 2 V DCI) I failure per 1,000,000 evitching operations (Statistically determined, at 2 V DCI) I failure per 1,000,000 evitching operations (Statistically determined, at 2 V DCI I failure per 1,000,000 evitching operations (Statistically determined, at 2 V DCI I failure per 1,000,000 evitching operations (Statistically determined, at 2 V DCI I failure per 1,000,000 evitching operations (Statistically determined, at 2 V DCI I failure per 1,000,000 evitching operations (Statistically determined, at 2 V DCI I failure per 1,000,000 evitching operations (Statistically determined, at 2 V DCI I failure per 1,000,000 evitching operations (Statistically determined,	Rated operational voltage (Ue) at AC - max	24 V
Actuator function  Actuator function  Actuator function  Control circuit reliability  Communication  No  Communication  No  Communication  Communication  Communication  No  Communication  Communication  OW  Communication  OW  Communication  Communication  OW  Communication  OW  Communication  No  Communication  OW  Communication  No  Communication  OW  Communication  No  Communication  OW  Communication  No  Communi	Actuator	
Actuator function  Contacts  Control circuit reliability  Control circuit reliability  Control circuit reliability  Communication  Connection Consection to SmartWire-DT  Design verification  Consection to SmartWire-DT  Design verification  Equipment heat dissipation, current-dependent Pvid  Heat dissipation epacity Polis  Heat dissipation current for specified heat dissipation (current-dependent Pvid  Heat dissipation current for specified heat dissipation (current-dependent Pvid  Heat dissipation current for specified heat dissipation (in)  Static heat dissipation, non-current-dependent Pvid  No  Rated operational current for specified heat dissipation (in)  Static heat dissipation, non-current-dependent Pvid  No  No  Rated operational current for specified heat dissipation (in)  Static heat dissipation, non-current-dependent Pvid  No  No  No  Rated operational current for specified heat dissipation (in)  No  No  No  Rated operational current for specified heat dissipation (in)  No  No  No  Rated operational current for specified heat dissipation (in)  No  No  No  No  No  No  No  No  No  N	Actuating force	4 N
Contracts  Control circuit reliability  Communication  Comection to SmartWire-DT  Design verification  Equipment heat dissipation, current-dependent Pvid  Heat dissipation apacity Pdiss Heat dissipation of thermal stability of enclosures  10.2.2 Corrosion resistance  10.2.2.2 Verification of resistance of insulating materials to normal heat 10.2.3.2 Verification of thermal stability of enclosures  10.2.3.2 Persistance of insulating materials to normal heat 10.2.3.2 Persistance of insulating materials to normal heat 10.2.3.2 Persistance of unsulating materials to normal heat 10.2.3.1 Persistance of insulating materials to normal heat 10.2.3.2 Persistance of insulating materials to normal heat 10.2.3.1 Persistance of insulating materials to normal heat 10.2.3.2 Persistance of insulating materials to normal heat 10.2.3.4 Persistance of insulating materials to normal heat 10.2.4 Persistance of unsulating materials to normal heat 10.2.5 Lifting 10.2.6 Mechanical impact 10.2.7 Persistance of insulating material elect. offects 10.3 Persistance and cropapeg distances 10.4 Desarrose and cropapeg distances 10.5 Protection against electric shock 10.6 Incorporation of switching devices and components 10.8 Persistance of insulating material 10.1 Temperature rise 10.1 Temperature rise 10.1 Temperature rise 10.1 Short-circuit rating 10.2 Power-frequency electric strength 10.3 Algorithm for exponsibility, 1 sthe panel builder's responsibility, 1 sthe panel build	Actuator color	Red
Control circuit reliability Control circuit reliability Communication  Communication  Connection to SmartWire-DT  Design verification  Equipment heat dissipation, current-dependent Pvid  Heat dissipation per pole, current-dependent Pvid  No  Rated operational current for specified heat dissipation (In)  Rated operational current for specified heat dissipation (In)  Rated operational current for specified heat dissipation (In)  Static heat dissipation per pole, current-dependent Pvid  No  Rated operational current for specified heat dissipation (In)  Static heat dissipation per pole, current-dependent Pvid  No  Rated operational current for specified heat dissipation (In)  Static heat dissipation, current-dependent Pvid  No  Rated operational current for specified heat dissipation (In)  Static heat dissipation, non-current-dependent Pvid  No  Rated operational current for specified heat dissipation (In)  Static heat dissipation, non-current-dependent Pvid  No  Rated operational current for specified heat dissipation (In)  Rated operation of several combines  10.2.2 Corrosion resistance  Neets the product standard's requirements.  Neets the product standard's re	Actuator function	· ·
Communication Connection to SmartWire-DT Design verification Equipment heat dissipation, current-dependent Pvid Heat dissipation capacity Pdiss Heat dissipation per pole, current-dependent Pvid Heat dissipation non-current-dependent Pvid Heat dissipation non-current-dependent Pvis Heat dissipation of the evaluation dissipation non-current-dependent Pvis Heat dissipation non-current-dependent Pvis Heat dissipation dissipation non-current-dependent Pvis Heat dissipation dissipation dissipation file heat dissipation f	Contacts	
Design verification  Equipment heat dissipation, current-dependent Pvid  OW  Heat dissipation capacity Pdiss  OW  Rated operational current for specified heat dissipation [In]  Static heat dissipation, non-current-dependent Pvid  OW  Rated operational current for specified heat dissipation [In]  Static heat dissipation, non-current dependent Pvs  OW  10.2.2 Corrosion resistance  Oxection of thermal stability of enclosures  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 Resist of insul. mat. to abnormal heat/fire by internal elect-effects  Meets the product standard's requirements.  10.2.4 Resistance to ultra-violet (UV) radiation  10.2.5 Lifting  Obes not apply, since the entire switchgear needs to be evaluated.  10.2.7 Inscriptions  Meets the product standard's requirements.  10.3.0 Lifting  Obes not apply, since the entire switchgear needs to be evaluated.  10.4 Clearances and creepage distances  Meets the product standard's requirements.  10.5 Potoction against electric shock  Does not apply, since the entire switchgear needs to be evaluated.  10.6 Incorporation of assemblies  Does not apply, since the entire switchgear needs to be evaluated.  10.7 Internal electrical circuits and components  In Secure to protection against electric shock  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  10.10 Temperature rise  10.11 Short-circuit rating  Section of the switchgear must be observed.  10.12 Electromagnetic compatibility  Is the panel builder's responsibility. The specifications for the switchgear must be observed.	Control circuit reliability	mA) 1 failure per 10,000,000 switching operations (Statistically determined, at 24 V DC/5
Design verification         Cupiment heat dissipation, current-dependent Pvid         0 W           Heat dissipation capacity Pdiss         0 W           Heat dissipation per pole, current-dependent Pvid         0 W           Rated operational current for specified heat dissipation (In)         0 A           Static heat dissipation, non-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         Meets the product standard's requirements.           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         Please enquire           10.2.5 Lifting         Does not apply, since the entire switchgear needs to be evaluated.           10.2.1 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 Clearance 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 Inco	Communication	
Equipment heat dissipation, current-dependent Pvid  Heat dissipation capacity Pdiss  Heat dissipation per pole, current-dependent Pvid  Reted operational current for specified heat dissipation (In)  Static heat dissipation, non-current-dependent Pvs  OW  10.22 Corrosion resistance  Meets the product standard's requirements.  10.2.3.1 Verification of thermal stability of enclosures  Meets the product standard's requirements.  10.2.3.2 Verification of resistance of insulating materials to normal heat  10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects  10.2.4 Resistance to ultra-violet (UV) radiation  10.2.5 Lifting  Does not apply, since the entire switchgear needs to be evaluated.  10.2.6 Mechanical impact  10.2.6 Mechanical impact  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.  10.4 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 connections  Is the panel builder's responsibility.  10.9 Power-frequency electric strength  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  10.11 Short-circuit rating  Not applicable.  10.12 Electromagnetic compatibility  10.13 Mechanical function  The device meets the requirements, provided the information in the instruction	Connection to SmartWire-DT	No
Heat dissipation capacity Pdiss  Heat dissipation propole, current-dependent Pvid  Rated operational current for specified heat dissipation (In)  Static heat dissipation, non-current-dependent Pvs  0 W  10.22 Corrosion resistance  Meets the product standard's requirements.  10.2.3.1 Verification of thermal stability of enclosures  10.2.3.2 Verification of resistance of insulating materials to normal heat  10.2.3.3 Resist. of insul. mal. to abnormal heat/fire by internal elect. effects  10.2.4 Resistance to ultra-violet (UV) radiation  10.2.5 Lifting  10.2.6 Lifting  10.2.6 Mechanical impact  10.2.7 Inscriptions  10.3 Degree of protection of assemblies  10.4 Clearances and creepage distances  10.4 Clearances and creepage distances  10.5 Protection against electric shock  10.6 Incorporation of switching devices and components  10.7 Internal electrical circuits and connections  10.8 Connections for external conductors  10.9 Power-frequency electric strength  10.9 Power-frequency electric strength  10.9 Power-frequency electric strength  10.9 Power-frequency electric strength  10.9 Time panel builder's responsibility.  10.9 Power-frequency electric strength  10.9 Time panel builder's responsibility.  10.9 Power-frequency electric strength  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	Design verification	
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10.2.3.1 Verification of thermal stability of enclosures  10.2.3.2 Verification of resistance of insulating materials to normal heat  10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects  10.2.4 Resistance to ultra-violet (UV) radiation  10.2.5 Lifting  10.2.6 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  10.9.2 Power-frequency electric strength  10.9.3 Impulse withstand voltage  10.9.4 Testing of enclosures made of insulating material  10.11 Short-circuit rating  10.13 Mechanical function  Meets the product standard's requirements.  Meets the product standard's requirements.  Does not apply, since the entire switchgear needs to be evaluated.  Does not apply, since the entire switchgear needs to be evaluated.  Does not apply, since the entire switchgear needs to be evaluated.  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.  10.9.3 Impulse withstand voltage  Is the panel builder's responsibility.  10.10 Temperature rise  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	Static heat dissipation, non-current-dependent Pvs	0 W
10.2.3 2 Verification of resistance of insulating materials to normal heat 10.2.3 3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects 10.2.4 Resistance to ultra-violet (UV) radiation 10.2.5 Lifting 10.2.6 Mechanical impact 10.2.7 Inscriptions 10.3 Degree of protection of assemblies 10.3 Degree of protection of assemblies 10.4 Clearances and creepage distances 10.5 Protection against electric shock 10.6 Incorporation of switching devices and components 10.7 Internal electrical circuits and connections 10.8 Connections for external conductors 10.9 Power-frequency electric strength 10.9.3 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 Electromagnetic requirements 10.15 Production of external conductors 10.16 Incorporation of switching devices and components 10.17 Internal electrical circuits and connections 10.18 the panel builder's responsibility. 10.19 Emperature rise 10.10 Temperature rise 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.13 Mechanical function 10.14 Electromagnetic requirements. 10.15 Product standard's requirements. 10.16 Meets the product standard's requirements. 10.19 Does not apply, since the entire switchgear needs to be evaluated. 10.19 Does not apply, since the entire switchgear needs to be evaluated. 10.19 Does not apply, since the entire switchgear needs to be evaluated. 10.19 Legendous function in the evaluated. 10.19 Legendous function in the instruction in the instructi	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  10.8 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.  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.  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	10.2.3.1 Verification of thermal stability of enclosures	Meets the product standard's requirements.
10.2.4 Resistance to ultra-violet (UV) radiation  Please enquire  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.  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.  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.  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.  Is the panel builder's responsibility.  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.  In the panel builder's responsibility.  Does not apply, since the entire switchgear needs to be evaluated.  In the pa	10.2.3.2 Verification of resistance of insulating materials to normal heat	Meets the product standard's requirements.
10.2.5 Lifting  Does not apply, since the entire switchgear needs to be evaluated.  10.2.6 Mechanical impact  Does not apply, since the entire switchgear needs to be evaluated.  10.2.7 Inscriptions  Meets the product standard's requirements.  Does not apply, since the entire switchgear needs to be evaluated.  10.4 Clearances and creepage distances  Meets the product standard's requirements.  10.5 Protection against electric shock  Does not apply, since the entire switchgear needs to be evaluated.  10.6 Incorporation of switching devices and components  Does not apply, since the entire switchgear needs to be evaluated.  10.7 Internal electrical circuits and connections  Is the panel builder's responsibility.  10.8 Connections for external conductors  Is the panel builder's responsibility.  10.9.2 Power-frequency electric strength  Is the panel builder's responsibility.  10.9.3 Impulse withstand voltage  Is the panel builder's responsibility.  10.9.4 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.
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10.27 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  10.92 Power-frequency electric strength  10.93 Impulse withstand voltage  10.94 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.  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.	10.2.5 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  10.5 Protection against electric shock  10.6 Incorporation of switching devices and components  10.7 Internal electrical circuits and connections  10.8 Connections for external conductors  10.9 Power-frequency electric strength  10.9.1 Reting 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.  Does not apply, since the entire switchgear needs to be evaluated.  Is the panel builder's responsibility.  It is the panel builder's responsibility.  The specifications for the switchgear must be observed.  Is the panel builder's responsibility. The specifications for the switchgear must be observed.	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.  Is the panel builder's responsibility.  It 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.  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.  Does not apply, since the entire switchgear needs to be evaluated.  Is the panel builder's responsibility.  The specifications for the switchgear must be observed.  Is the panel builder's responsibility. The specifications for the switchgear must be observed.  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.	10.3 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  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  1 Is the panel builder's responsibility. The specifications for the switchgear must be observed.  10.13 Mechanical function  1 Is the panel builder's responsibility. The specifications for the switchgear must be observed.  10.14 Every 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	10.5 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 Sthe panel builder's responsibility.  10.15 Is the panel builder's responsibility.  10.16 Is the panel builder's responsibility.  10.17 Is the panel builder's responsibility.  10.18 Is the panel builder's responsibility. The specifications for the switchgear must be observed.  10.19 Is the panel builder's responsibility. The specifications for the switchgear must be observed.  10.11 Is the panel builder's responsibility. The specifications for the switchgear must be observed.  10.11 Is 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  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	10.7 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.  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  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	10.9.2 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	10.10 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 push button (EC000221)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Front element for push-button actuators (ecl@ss13-27-37-12-10 [AKF028019])

[AKI 020013])		
Colour button		Red
Number of command positions		1
Construction type lens		Square
Hole diameter	mm	16
Width opening	mm	0
Height opening	mm	0

Type of button	Flat
Suitable for illumination	Yes
With protective cover	No
Labelled	No
Switching function latching	No
Spring-return	Yes
With front ring	No
Material front ring	Plastic
Colour front ring	Black
Degree of protection (IP), front side	IP65
Degree of protection (NEMA), front side	1