

Part no.

Q18D-10 Article no. 086299 Q18D-10 Catalog No.



#### **Delivery program**

Product range	RMQ16
Basic function	Pushbutton actuators
Single unit/Complete unit	Single unit
Design	Flat
	momentary
Button plate	
button plate	red
Button plate	Ο
	inscribed
Degree of Protection	IP65
Front ring	without bezel
Connection to SmartWire-DT	no
Front dimensions	18 x 18

#### **Technical data** General

#### IEC/EN 60947, VDE 0660 Standards Operations > 3 Lifespan, mechanical x 10<sup>6</sup> Operating frequency Operations/h ≦ 3600 $\leq_4$ Actuating force n IP65 Degree of protection, IEC/EN 60529 Climatic proofing Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30 Ambient temperature Open °C -25 - +60 Enclosed °C - 25 - 40 Mounting position As required Mechanical shock resistance > 40 g according to IEC 60068-2-27 Shock duration 11 ms Sinusoidal

# **Design verification as per IEC/EN 61439**

Technical data for design verification				
Rated operational current for specified heat dissipation	In	А	0	
Heat dissipation per pole, current-dependent	P <sub>vid</sub>	W	0	
Equipment heat dissipation, current-dependent	P <sub>vid</sub>	W	0	
Static heat dissipation, non-current-dependent	P <sub>vs</sub>	W	0	
Heat dissipation capacity	P <sub>diss</sub>	W	0	
Operating ambient temperature min.		°C	-25	
Operating ambient temperature max.		°C	60	
IEC/EN 61439 design verification				
10.2 Strength of materials and parts				
10.2.2 Corrosion resistance			Meets the product standard's requirements.	

1023.1 Verification of thermal stability of enclosures       Meets the product standard's requirements.         102.3.2 Verification of resistance of insulating materials to normal heat       Meets the product standard's requirements.         102.3.3 Verification of resistance of insulating materials to abnormal heat       Meets the product standard's requirements.         102.4 Resistance to ultra-violet (UV) radiation       Meets the product standard's requirements.         102.5 Lifting       Dees not apply, since the entire switchgear needs to be evaluated.         102.7 Inscriptions       Dees not apply, since the entire switchgear needs to be evaluated.         103.2 Barger of protection of ASSEMBLIES       Dees not apply, since the entire switchgear needs to be evaluated.         103.6 Incorporation of switching devices and components       Dees not apply, since the entire switchgear needs to be evaluated.         103.2 Power-frequency electric strength       Iste panel builder's responsibility.         103.8 Incorporation of switching devices and components       Iste panel builder's responsibility.         103.9 Incorporation of switching devices and components       Iste panel builder's responsibility.         103.8 Incorporation of switching devices and components       Iste panel builder's responsibility.         103.9 Incorporation of switching material       Iste panel builder's responsibility.         103.8 Incorporation of exitemand conductors       Iste panel builder's responsibility.		
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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 6.0**

Low-voltage industrial components (EG000017) / Front element for push button (EC000221)

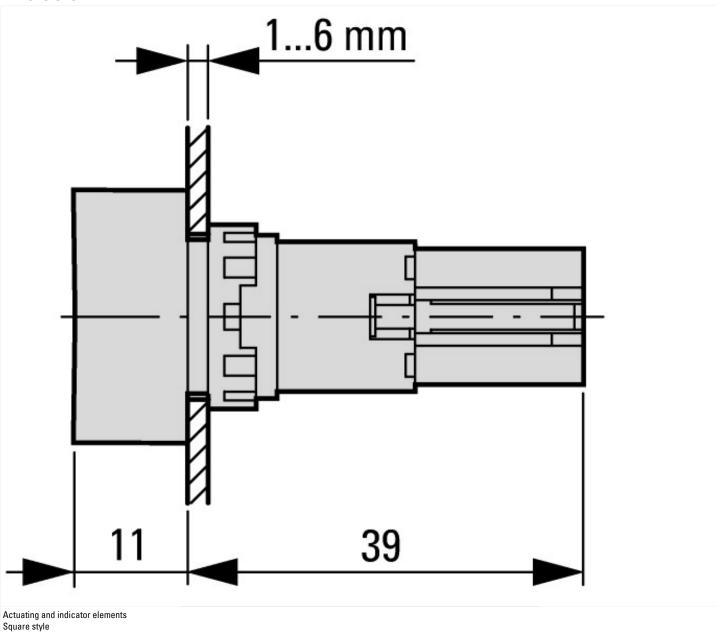
Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Front element for push-button actuators (ecl@ss8.1-27-37-12-10 [AKF028011])

Colour button		Red
Number of command positions		1
Construction type lens		Square
Hole diameter	mm	16
Width opening	mm	0
Height meter opening	mm	0
Degree of protection (IP), front side		IP65
Type of button		Flat
Suitable for illumination		No
With protection cover		No
Labelled		Yes
Switching function latching		No
Spring-return		Yes
With front ring		Yes
Material front ring		Plastic
Colour front ring		Black

### **Approvals**

Product Standards	IEC/EN 60947-5; UL 508; CSA-C22.2 No. 14-05; CE marking
UL File No.	E29184
UL Category Control No.	NKCR
CSA File No.	46552
CSA Class No.	3211-03
North America Certification	UL listed, CSA certified
Degree of Protection	UL/CSA Type 1





# Additional product information (links)

#### IL04716016Z (AWA1160-1429) Mounting of components

IL04716016Z (AWA1160-1429) Mounting of components

ftp://ftp.moeller.net/DOCUMENTATION/AWA\_INSTRUCTIONS/IL04716016Z2011\_03.pdf