DATASHEET - Q18LT-WS



Illuminated pushbutton actuator, white, momentary



Part no. Q18LT-WS Catalog No. 089202 Alternate Catalog Q18LT-WS

No.

EL-Nummer 4356287

(Norway)

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Delivery program			
Product range			RMQ16
Basic function			Illuminated pushbutton actuators
Mounting hole diameter	Ø	mm	16
Single unit/Complete unit			Single unit
Design			Flat
			momentary
Description			without light elements With base, W2x4,6d; max. 30 V, 1 W
Colour			
Lens			
Button plate			
button plate			White
Button plate			
			Blank
Degree of Protection			IP65
Connection to SmartWire-DT			no

Technical data

Rated insulation voltage

General

General			
Standards			IEC/EN 60947
Lifespan, mechanical	Operations	x 10 ⁶	>3
Operating frequency	Operations/h		≦ 3600
Actuating force		n	≦ 4
Degree of protection, IEC/EN 60529			IP65
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		g	> 40 according to IEC 60068-2-27 Shock duration 11 ms Sinusoidal
Blade terminal			2.8 x 0.8 mm to DIN 46244
Fast-on connectors			2.8 x 0.8 mm to DIN 46247 and IEC 60760
Contacts			
Rated impulse withstand voltage	U _{imp}	V AC	800

250

Overvoltage category/pollution degree			III/3
Rated operational voltage	U _e	V AC	24
Control circuit reliability			
at 24 V DC/5 mA	H _F	Fault probabili	< 10 ⁻⁷ (i.e. 1 failure to 10 ⁷ operations)
at 5 V DC/1 mA	H _F	Fault probabili	$< 5 \times 10^{-6}$ (1 failure in 5×10^{6} operations)
Use of insulated ferrule ISH 2,8			>24 V AC/DC recommended >50 V AC or 120 V DC is mandatory, even on unused blade terminals

Design verification as per IEC/EN 61439

In	Α	0
P _{vid}	W	0
P _{vid}	W	0
P _{vs}	W	0
P _{diss}	W	0
	°C	-25
	°C	60
		Meets the product standard's requirements.
		Meets the product standard's requirements.
		Meets the product standard's requirements.
		Meets the product standard's requirements.
		Please enquire
		Does not apply, since the entire switchgear needs to be evaluated.
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		Does not apply, since the entire switchgear needs to be evaluated.
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		Is the panel builder's responsibility.
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		Is the panel builder's responsibility.
		Not applicable.
		Is the panel builder's responsibility. The specifications for the switchgear must be observed.
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		The device meets the requirements, provided the information in the instruction leaflet (IL) is observed. $\label{eq:continuous}$
	P _{vid} P _{vid} P _{vs}	P _{vid} W P _{vid} W P _{vs} W P _{diss} W °C

Technical data ETIM 7.0

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@ss10.0.1-27-37-12-10 [AKF028014])

(ect@ss10.0.1-27-37-12-10 [AKF028014])		
Colour button		White
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	Yes
Material front ring	Plastic
Colour front ring	Black
Degree of protection (IP), front side	IP65
Degree of protection (NEMA), front side	1

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

Dimensions

