DATASHEET - C22-DL-XW-K10-24-P1

Illuminated pushbutton actuator, Flat, momentary, 1 N/O, Cable (black) with M12A plug, 4 pole, 0.2 m, LED white, Without button plate, 24 V AC/DC, Bezel: titanium

Part no. **C22-DL-XW-K10-24-P1**
177702

General specifications	
Product name	Eaton Moeller® series C22 Illuminated pushbutton actuator
Part no.	C22-DL-XW-K10-24-P1
EAN	4015081722754
Product Length/Depth	260 millimetre
Product height	30 millimetre
Product width	30 millimetre
Product weight	0.416 kilogram
Certifications	CE marking CSA-C22.2 No. 14-18 and No. 94.2-15 UL File No.: E29184 CSA File No.: 165628 VDE 0660 CSA UL Category Control No.: NKCR CSA Class No.: 321103 CE IEC/EN 60947-5-1 UL UL 508 CSA-C22.2 No. 14-05 and 94-M91
Product Tradename	C22
Product Type	Illuminated pushbutton actuator
Product Sub Type	None
Features & Functions	
Bezel color	Titanium
Bezel material	Plastic
Design	Classical Flat M12A
Electric connection type	Other
Fitted with:	Front ring
Inscription	Blank
Light color	White
General information	
Cable length	0.2 m
Cable material	PUR
Connection to SmartWire-DT	No
Connection type	Cable (black) with M12A plug, 4 pole
Degree of protection	IP67/IP69K NEMA 12
Lifespan, mechanical	5,000,000 Operations
Mounting position	As required
Opening diameter	22.5 mm
Operating frequency	3600 Operations/h
Overvoltage category	III
Pollution degree	3
Product category	RMQ compact solution
Rated impulse withstand voltage (Uimp)	800 V AC
Shock resistance	30 g, Mechanical, Shock duration 11 ms
Suitable for	Illumination
Tightening torque	2 Nm, Threaded ring 1 Nm, Plug

Type			Illuminated pushbutton actuator
Climatic environmental conditions			
Ambient operating temperature - min			-30 °C
Ambient operating temperature - max			70 °C
Ambient storage temperature - min			30 °C
Ambient storage temperature - max			80 °C
Climatic proofing			Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Electrical rating			
Rated conditional short-circuit current (Iq)			1 kA
Rated insulation voltage (Ui)			250 V
Rated operational current (Ie) at AC-15, 24 V			4 A
Rated operational current (Ie) at DC-13, 24 V			3 A
Rated operational voltage			24 V AC/DC (LED)
Short-circuit protection rating			Max. 4 A gG/gL, Fuse, Contacts
Actuator			
Actuating force			5 N
Actuator color			Blue
Actuator diameter			29.7 mm
Actuator function			Spring-return Momentary
Contacts			
Control circuit reliability			1 failure per 17,000,000 swtching operations (statistically determined, at 17 V DC/7 mA: N/O contact
Number of contacts (change-over contacts)			0
Number of contacts (normally closed contacts)			0
Number of contacts (normally open contacts)			1

Technical data ETIM 9.0

Low-voltage industrial components (EG000017) / Push button, complete (EC001028)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Push-button actuator, complete unit (ecl@ss13-27-37-12-28 [AKF046019])

Number of command positions			1
Type of button			Flat
Colour button			Blue
Transparent			No
Construction type lens			Round
Hole diameter		mm	22.5
Width opening		mm	0
Height opening		mm	0
Suitable for illumination			Yes
Switching function latching			No
Spring-return			Yes
Supply voltage lamp		V	24
Number of contacts as normally open contact			1
Number of contacts as normally closed contact			0
Number of contacts as change-over contact			0
Type of electric connection			Other
With front ring			Yes
Material front ring			Plastic
Colour front ring			Titanium
Degree of protection (IP)			IP67/IP69K
Degree of protection (NEMA)			12

© 04/2023 by Eaton Industries GmbH