DATASHEET - Q25DR-BL



Pushbutton, blue, maintained

Part no. 025DR-BL Catalog No. 088110 Alternate Catalog 025DR-BL No.



Delivery program

			DMOID
Product range			RMQ16
Basic function			Pushbutton actuators
Mounting hole diameter	Ø	mm	16
Single unit/Complete unit			Single unit
Design			Flat
			maintained
Button plate			
button plate			Blue
Button plate			
			Blank
Degree of Protection			IP65
Front ring			without bezel
Connection to SmartWire-DT			no
Notes			
→#090351			

Technical data

		IEC/EN 60947, VDE 0660
Operations	x 10 ⁶	>3
Operations/h		≦ 1800
	n	≦ 4
		IP65
		Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
	°C	-25 - +60
	°C	- 25 - 40
		As required
	g	> 40 according to IEC 60068-2-27 Shock duration 11 ms Sinusoidal
	mm ²	0.5 - 1.0
		2.8 x 0.8 mm to DIN 46244
		2.8 x 0.8 mm to DIN 46247 and IEC 60760
		Operations/h n °C °C °C g

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 _{vid}	W	0
Equipment heat dissipation, current-dependent	P _{vid}	W	0
Static heat dissipation, non-current-dependent	P _{vs}	W	0

Heat dissipation capacity	P _{diss}	W	0
Operating ambient temperature min.		°C	-25
Operating ambient temperature max.		°C	60
EC/EN 61439 design verification			
10.2 Strength of materials and parts			
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 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric 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.
10.2.6 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 Insulation properties			
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 b observed.
10.12 Electromagnetic compatibility			Is the panel builder's responsibility. The specifications for the switchgear must b observed.
10.13 Mechanical function			The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

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 / Fro	it element for push-button actuators
(ecl@ss10.0.1-27-37-12-10 [AKF028014])	

Number of command positions Image: Part of the sector of the			
Construction type lens Square Construction type lens mm 16 Hole diameter mm 0 Width opening mm 1 Height opening mm 1 Type of button mm 1 Suitable for illumination Mm 1 Suitable for illumination Mm 1 Suitching function latching Mm No Syning-return No No With front ring No No With front ring No No Material front ring Mm No Colour front ring Mm No Back Back Back	Colour button		Blue
Ander diameter Main Bit Width opening mm 0 Height opening mm 0 Type of button mm 1 Suitable for illumination Mith opening Na With protective cover Mith opening Na Suitable for illumination Mith opening Na Switching function latching Mith opening Na Synthy function latching Mith opening Na Colour front ring Mith opening Bitaki Back Bitaki Bitaki	Number of command positions		1
Width openingmm0Height openingmm0Type of buttonmmFatSuitable for illuminationMmFatWith protective coverMmMmLabelledMmMmSwitching function latchingMmMmSyntap-returnMmMmWith front ringMmMmMaterial front ringMmMmColour front ringMmMmBegree of protection (IP), front sideMm<	Construction type lens		Square
Height openingMmOType of buttonFatSuitable for illuminationNoWith protective coverSoLabelledNoSwitching function latchingSoSpring-returnSoWith front ringSoMaterial front ringSoColour front ringSoBegee of protection (IP), front sideSoBegee of protection (IP), front sideSo<	Hole diameter	mm	16
Type of buttonFileSuitable for illuminationImage: Sector of the sector of th	Width opening	mm	0
Suitable for illumination Image: Suitable for illumination No With protective cover Image: Suitable for illumination No Labelled Image: Suitable for illumination No Switching function latching Image: Suitable for illumination No Syning-return Image: Suitable for illumination Yes With front ring Image: Suitable for illumination Yes Material front ring Image: Suitable for illumination Plastic Colour front ring Image: Suitable for illumination Black Degree of protection (IP), front side Image: Suitable for illumination Image: Suitable for illumination	Height opening	mm	0
With protective coverNoLabelledNoSwitching function latchingImage: Section (Section (S	Type of button		Flat
LabelledNoSwitching function latchingFeeSpring-returnNoWith front ringFeeMaterial front ringFeeColour front ringFeeDegree of protection (IP), front sideFeeNoFeeStatement of the statement of the state	Suitable for illumination		No
Switching function latching Mes Spring-return Mo With front ring Mes Material front ring Mes Colour front ring Mes Degree of protection (IP), front side Mes	With protective cover		No
Spring-return No With front ring Yes Material front ring Plastic Colour front ring Black Degree of protection (IP), front side Image: Spring -	Labelled		No
With front ring Yes Material front ring Plastic Colour front ring Black Degree of protection (IP), front side IP65	Switching function latching		Yes
Material front ring Plastic Colour front ring Black Degree of protection (IP), front side IP65	Spring-return		No
Colour front ring Black Degree of protection (IP), front side IP65	With front ring		Yes
Degree of protection (IP), front side	Material front ring		Plastic
	Colour front ring		Black
Degree of protection (NEMA), front side	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

