DATASHEET - M22-PV-K02

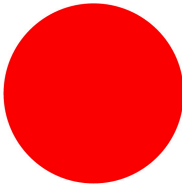**Emergency stop/emergency switching off pushbutton, RMQ-Titan, Mushroom-shaped, 38 mm, Non-illuminated, Pull-to-release function, 2 NC, Red, yellow**

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Part no.	M22-PV-K02
Catalog No.	190929

Delivery program

Product range			RMQ-Titan
Basic function			Controlled stop pushbuttons/emergency-stop buttons
Mounting hole diameter	∅	mm	22.5
Single unit/Complete unit			Complete unit
Design			Mushroom-shaped
Diameter	∅	mm	38
Illumination			Non-illuminated
Approval			ET 16107 Sicherheit geprüft tested safety
			Pull-to-release function
Description			Tamper-proof according to ISO 13850/EN 418

Colour

Mushroom head			Red
Base			yellow
Degree of Protection			IP66, IP69
Connection to SmartWire-DT			no

Contacts

N/C = Normally closed			2 NC ⊖
Notes			⊖ = safety function, by positive opening to IEC/EN 60947-5-1

Actuator travel and actuation force as per DIN EN 60947-5-1, K.5.4.1

		mm	4.8
Maximum travel		mm	5.7
Minimum force for positive opening		N	15
Front dimensions			35

Technical data

General

Standards			IEC/EN 60947 VDE 0660

Lifespan, mechanical	Operations	x 10^6	> 0.1
Operating frequency	Operations/h		≦ 600
Actuating force		n	≦ 50
Climatic proofing			Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Degree of Protection			IP66, IP69
Ambient temperature			
Open		°C	-25 - +70
Mounting position			As required
Mechanical shock resistance		g	30 Shock duration 11 ms Sinusoidal according to IEC 60068-2-27
shipping classification			DNV GL LR

Design verification as per IEC/EN 61439

Technical data for design verification			
Operating ambient temperature min.		°C	-25
Operating ambient temperature max.		°C	70

Technical data ETIM 7.0

Low-voltage industrial components (EG000017) / Emergency stop complete (EC002034)			
Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / EMERGENCY-STOP pushbutton, complete device (ecl@ss10.0.1-27-37-12-44 [ACN986011])			
Unlocking method			Pull-release
Number of contacts as normally closed contact			2
Number of contacts as normally open contact			0
Degree of protection (IP)			IP66
Mounting method			Built-in
With lighting			No
Hole diameter		mm	22.5
Connection type auxiliary circuit			Screw connection
Diameter cap		mm	38

Approvals

Product Standards		IEC/EN 60947-5; UL 508; CSA-C22.2 No. 14-05; CSA-C22.2 No. 94-91; CE marking
UL File No.		E29184
UL Category Control No.		NKCR
CSA File No.		012528
CSA Class No.		3211-03
North America Certification		UL listed, CSA certified
Degree of Protection		UL/CSA Type 3R, 4X, 12, 13

Additional product information (links)

IL04716005Z RMQ-Titan: Emergency stop buttons, Emergency stop buttons

IL04716005Z RMQ-Titan: Emergency stop buttons, Emergency stop buttons	https://es-assets.eaton.com/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716005Z2020_01.pdf