



Emergency-stop, Palm-tree shape, 45 mm, Turn-to-release function, 2 NC, Screw connection



Part no. C22-PVT45P-K02
Catalog No. 121611
Alternate Catalog No. C22-PVT45P-K02
EL-Nummer (Norway) 4315101

Delivery program

Product range			RMQ Compact
Basic function			Controlled stop pushbuttons/emergency-stop buttons
Single unit/Complete unit			Complete unit
Design			Palm-tree shape
Diameter	∅	mm	45
Illumination			Non-illuminated
			Turn-to-release function
Connection type			Screw connection
Description			Tamper-proof according to ISO 13850/EN 418
Colour			
Mushroom head			Red
Base			yellow
			Red mushroom head (RAL 3000)
Degree of Protection			IP66, IP67, 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	4.65
Maximum travel		mm	5.7
Minimum force for positive opening		N	30
Contact sequence			
Contact travel <input checked="" type="checkbox"/> = Contact closed <input type="checkbox"/> = Contact open			
Contact diagram			
Positive opening (ZW)			yes
Function			Turn-to-release function

Technical data

General

Standards			IEC/EN 60947-5-5 VDE 0660
Lifespan, mechanical	Operations	x 10 ⁶	> 0.05
Operating frequency	Operations/h		≤ 300
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, IP67, IP69
Mounting position			As required
Terminal capacities		mm ²	
Solid		mm ²	2 x 0.5 - 1.5
Flexible with ferrule		mm ²	2 x 0.5 - 1.5
Tightening torque for terminal screw		Nm	0.8

Contacts

Rated impulse withstand voltage	U _{imp}	V AC	4000
Rated insulation voltage	U _i	V	250
Rated conditional short-circuit current	I _q	kA	1
Overvoltage category/pollution degree			III/3
Control circuit reliability			
at 24 V DC/5 mA	H _F	Fault probability	values follow
at 5 V DC/1 mA	H _F	Fault probability	values follow
Max. short-circuit protective device			
Fuse	gG/gL	A	10

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 (ecI@ss10.0.1-27-37-12-44 [ACN986011])			
Unlocking method			Turn-release
Number of contacts as normally closed contact			2
Number of contacts as normally open contact			0
Degree of protection (IP)			IP67/IP69K
Mounting method			Built-in
With lighting			No
Hole diameter		mm	22.5
Connection type auxiliary circuit			Other
Diameter cap		mm	45

Approvals

Product Standards			IEC/EN 60947-5-1; UL 508; CAN/CSA-C22.2 No. 14-05 und 94-M91; CE marking
UL File No.			E29184
UL Category Control No.			NKCR
CSA File No.			165628
CSA Class No.			321103
North America Certification			UL listed, CSA certified
Degree of Protection			1,3R,4X,12,13

Dimensions

