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C22-PVT45P-K02 - Emergency-stop, Palm-tree shape, 45 mm, Turn-to-release function, 2 NC, Screw connection



121611 C22-PVT45P-K02

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121611 C22-PVT45P-K02

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

Alternate Catalog No.

C22-PVT45P-K02

EL-Nummer (Norway)

4315101

Emergency-stop, Product range: RMQ Compact, Complete unit, Design: Palm-tree shape, Diameter: 45 mm, Illumination: Non-illuminated, Turn-to-release function, Connection type: Screw connection, Description: Tamper-proof according to ISO 13850/EN 418, Colour Mushroom head: Red, Colour Base: yellow, Red mushroom head (RAL 3000), Degree of Protection: IP66, IP67, IP69K, Connection to SmartWire-DT: no, Contacts N/C = Normally closed: 2 NC, Contacts 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, Function: Turn-to-release function, Standards: IEC/EN 60947-5-5, VDE 0660

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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 [□]

45 mm

Illumination

Non-illuminated

Turn-to-release function

Connection type

Screw connection

Description

Tamper-proof according to ISO 13850/EN 418

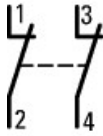
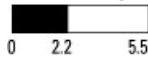
Colour

Mushroom head

Red



Base

yellow
 Red mushroom head (RAL 3000)
 Degree of Protection
 IP66, IP67, IP69
 Connection to SmartWire-DT
 no
 Contacts
 NC = 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 ☒ = Contact closed ☐ = Contact open
 Contact diagram

 0 2.2 5.5
 Zw = 4.5 mm
 Positive opening (ZW)
 yes
 Function
 Turn-to-release function

Technical data

General
 Standards
 IEC/EN 60947-5-5
 VDE 0660
 Lifespan, mechanical [Operations]
 $> 0.05 \times 10^6$
 Operating frequency [Operations/h]
☐ 300
 Actuating force
☐ 50 n
 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 Solid
 $2 \times 0.5 - 1.5 \text{ mm}^2$
 Terminal capacities Flexible with ferrule
 $2 \times 0.5 - 1.5 \text{ mm}^2$
 Tightening torque for terminal screw
 0.8 Nm
 Contacts
 Rated impulse withstand voltage [U_{imp}]
 4000 V AC
 Rated insulation voltage [U_i]
 250 V
 Rated conditional short-circuit current [I_q]
 1 kA
 Overvoltage category/pollution degree
 III/3
 Control circuit reliability at 24 V DC/5 mA [H_F]

values follow Fault probability
Control circuit reliability at 5 V DC/1 mA [H_F]
values follow Fault probability
Max. short-circuit protective device Fuse [gG/gL]
10 A

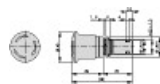
Technical data ETIM 7.0

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 (ec1@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
22.5 mm
Connection type auxiliary circuit
Other
Diameter cap
45 mm

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



CAD data

- [Product-specific CAD data](#)
(Web)
- [3D Preview](#)
(Web)

DWG files

- [DA-CD-not_aus_45_dreh](#)
File
(Web)

edz files

- [DA-CE-ETN.C22-PV/T45P-K02](#)
File

(Web)

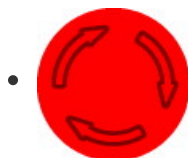
Step files

- [DA-CS-not_aus_45_dreh](#)
File
(Web)

Additional product information

- [DGV Test Mark Customer Information](#)
(PDF)

Symbol

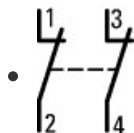


1160SPC-79

Graphic

Button plate red, red arrows

Wiring diagram



1160SWM-57

Line drawing

Product photo



1160PIC-1551

Photo

3D drawing

- 
[1160DRW-187](#)
Line drawing

Instruction Leaflet

- [RMQ-Titan: Compact program Emergency-Switching-Off/Emergency-Stop \(IL04716025Z\)](#)
Asset
IL04716025Z RMQ Titan: Compact program, Emergency-Switching-Off/Emergency-Stop
(PDF, 05/2021, multilingual)

Contact travel diagram



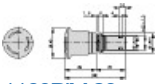
Zw = 4.5 mm

1160DIA-14

Coordinate visualization

Assignment of the fixing adapter

Dimensions single product

- 
[1160DIM-23](#)
Line drawing
C22 emergency switching off

Declaration of Conformity

EU

- [E-stop operating devices RMQ Titan C22-PV... \(DA-DC-00003479\)](#)
Asset
(PDF)
- [DA-DC-dguv_test_zeichen_infoblatt_kunden](#)
Asset
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