

S4_KV_Alle

01.04.2021

Equipped stainless steel enclosure with cable gland for profile rail mounting - 4 mounting holes

General Data

Type reference	S44_04; S45_05; S46_06 S42_08; S43_07; S44_09, S45_10, S46_11
Description	Equipped stainless steel enclosure
Approvals	CE, TÜV_Süd, UKCA
Contact type	emerg.stop, pos.1: 2 NC pushbuttons, pos.2...6: 1 NO each (optional: with illumination)
Degree of protection	IP54
Connection type	Faston terminals 2.8 x 0.8 mm
Contact material	AgNi
Max. storage temperature	-25°C ... 80°C
Max. operating temperature	-25°C ... 70°C
Mechanical life	switching cycles: emergency-stop: 50,000 pushbuttons: 1 million
Electrical life (rated load)	switching cycles: emergency-stop: 50,000 pushbuttons: 1 million
Bouncing time NO	< 10ms
Bouncing time NC	< 10ms
Positive opening contact	acc. to EN60947-5-1, appendix. K (emerg.stop)

Electrical data acc. to IEC/EN 60947-5-1 (VDE 0660 Sect. 200)

	alternate current	direct current
Utilisation category	AC15	DC13
Rated insulation voltage Ui	-	-
Rated operating voltage Ue	24 V	24 V
Rated operating current Ie	3 A	2 A
Breaking capacity	10Ie	1,1Ie
Continuous thermal current	5 A	-

Technical Data - Lamp

Lamp socket	integrated 3 mm LED (applies only to illuminated types)
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Max. lamp voltage	30 V AC/DC
Max. lamp output	14 mA (at 24 V DC)
Definition	X1...anode, X2...cathode

General data

Positive opening travel

Release

Standards

Tightening torque (enclosure screws)

Tightening torque (protective conductor terminal)

Note

S44_04: emergency-stop and 3 pushbuttons in stainless steel enclosure, glanded
 S45_05: emergency-stop and 4 pushbuttons in stainless steel enclosure, glanded
 S46_06: emergency-stop and 5 pushbuttons in stainless steel enclosure, glanded
 S43_07: emergency-stop and 2 illuminated pushbuttons in stainless steel enclosure, glanded

S42_08: emergency-stop and 1 illuminated pushbutton in stainless steel enclosure, glanded

S44_09: emergency-stop and 3 illuminated pushbuttons in stainless steel enclosure, glanded

S45_10: emergency-stop and 4 illuminated pushbuttons in stainless steel enclosure, glanded

S43_07: emergency-stop and 5 illuminated pushbuttons in stainless steel enclosure, glanded

Mounting: fastening clip on both ends (incl. T-shaped sliding block)

Cable gland: M16x1.5

Emergency-stop: FRVKOO (2 NC)

Pushbuttons: SSWTI (1 NO) incl. set of lenses (all colours),
 without nameplate, or
 SSWTLI (1 NO, illuminated) incl. set of lenses (all colours),
 without nameplate

Approvals: emergency-stop: TÜV, UR
 pushbuttons: CCC, VDE, ENEC 10

Before mounting the closure plate (bottom) make sure that one of the two enclosed washers is inserted into the round cut-out of the inside of the closing plate (contact with the upper part of the housing).

Use partially or fully insulated Faston clamps.

Protection class IP54 applies only to the unit with inserted cable and appropriate screw connection.

The user must ensure that the contact blocks mounted in the enclosure are properly connected in order to comply with the requirements regarding clearance and creepage distances in normal use.



In the final control a protective conductor test according to EN 60204-1 must be performed.

Data Sheet art. no.: 615403902

