

## ■ DATASHEET: AUXILIARY/TRIP SIGNAL CONTACT, 2CO, SCREW ON TYPE



### ■ SCHRACK INFO

- Version: screwed
- 1 CO (manual operation and tripped functions) + 1 CO (only tripped function)
- 2 CO (manual operation and tripped functions)
- Retrofittable, mountable on the right for RCCB series BCF0 and BCF6, on the left for series BMS0, BMS6, BMS4, MP, RCBO - BOLF
- Indication white/ blue for electrical tripping
- Test button for electrical tripping
- Manual operation (T-handle)
- Width: 0.5 MW

### ■ ATTENTION

The "service key" is used to check whether the auxiliary switch the trigger signal switch position is wired correctly. By pressing the "Service key" to simulate an electrical disconnection of mechanical and the mechanism for the electrical disconnection unlatched and checked.

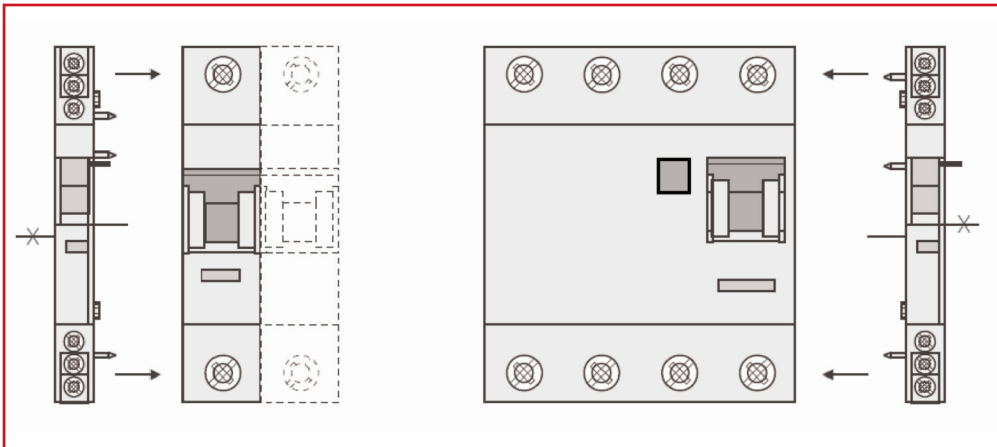
The coupled to the auxiliary switch BD90022 main switching device (MCB, RCBO) does not trigger the review by the service key with.

### ■ TECHNICAL DATA

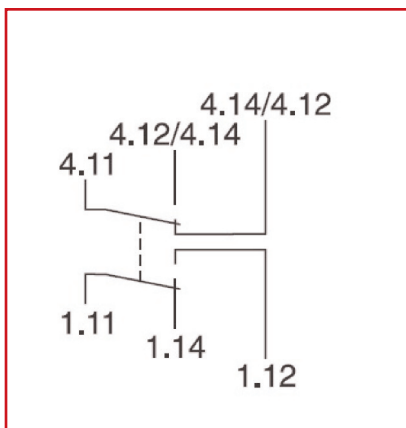
Product-standards:	IEC/EN 60947-5-1
Contacts:	2 CO
Function of contacts	1 CO (manual operation and tripped functions) and 1 CO (only tripped function) 2 CO (manual operation and tripped functions)
snapped on to:	BCF0 and BCF6 (right); BMS0, BMS6, BMS4, MP, RCBO - BOLF (left)
Trip indicator:	blue/white
Electric data:	
Rated current $I_{th}$	4 A
Utilisation category AC-13:	
Rated operation current $I_e$	3A-AC
Rated operation voltage $U_e$	250V-AC
Utilisation category AC-15:	
Rated operation current $I_e$	2A-AC
Rated operation voltage $U_e$	250V-AC
Utilisation category DC-12 / 110V-DC:	
Rated operation current $I_e$	0,5A-DC
Rated operation voltage $U_e$	110V-DC
Rated insulation voltage $U_i$	250V-AC
Minimum operating voltage per contact $U_{min}$	5V DC
Minimum operating current $I_{min}$	10mA DC
Reliability of contact (IEC/EN 60947-5-4)	17V-DC / 5V-DC, 40.000 switchings
Rated impulse withstand voltage $U_{imp}$	2,5kV (1,2/50 $\mu$ sec)
Conditional rated short circuit current $I_k$	1kA ( $U=282V / \cos \varphi = 0,68$ ) (with back up fuse 6 A gL or BMS0-H)

Mechanical data:	
Width:	0.5 SU (8.8 mm)
Dimension of cap:	45mm
Dimension of socket:	80mm
Shoulder height:	44mm
Terminal	Liftterminal
Capacity of rigid cables	1 x 0.5 mm <sup>2</sup> - 1 x 1.5 mm <sup>2</sup> 1 x AWG20 - 1 x AWG15
Capacity of flexible cables	1 x 0.5 mm <sup>2</sup> - 1 x 2.5 mm <sup>2</sup> 1 x AWG20 - 1 x AWG14
Terminal-screws	M3 (in according DIN7962-Z0, Pozidriv)
Torque of terminals	0.8 Nm - 1.0 Nm
Shock protected:	to specification VBG 4, ÖVE EN-6

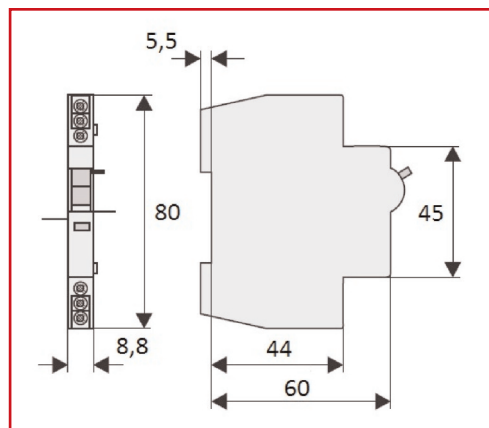
## ■ MOUNTING



## ■ WIRING DIAGRAM



## ■ DIMENSIONS



DESCRIPTION	ORDER NO.
Auxiliary/Trip Signal Contact, 2CO, Screw on Type	BD900022