

CHR10-1

Type Size: S0

Classification Contact: Rigid contact bridge

Classification Contact Mat: Gold

Classification Terminal: Ring type terminal

IEC 60947-3 EN 60947-3, VDE 0660 Teil 107

Rated insulation voltage Ui				
		Voltage (V)	AC / DC	
		690	AC	
Rated impulse withstand voltage Uimp				
Voltage (kV)	Overvoltage category	Pollution degree	Supply system	Function
6	III	3	Valid for lines with grounded common neutral termination	Switch
Rated uninterrupted current Iu/Ith				
Current (A)	Ambient temperature (°C)	Peak temperature (°C)	additional requirements	
16	55	60	Ambient temperature +55°C during 24 hours with peaks up to +60°C	
Rated operational current Ie				
Utilization category			Voltage (V)	Current (A)
AC-15			220 - 240	1,50
AC-15			380 - 440	1
AC-21A			12 - 690	16
Max. Fuse rating IEC				
Fuse characteristic			No. of Fuses	Current (A)
gG			1	16

UL60947-4-1, UL508

Rated insulation voltage Ui			
		Voltage (V)	AC / DC
		600	AC
Rated thermal current			
		Current (A)	Ambient temperature (°C) Additional Text
		15	0 - 40 --

GENERAL TECHNICAL INFORMATION

Tightening torque of screws			
		tightening torque (Nm)	tightening torque (lb-in)
		1	8,80
Rated short-time withstand current Icw			
		Time (s)	Current (A)
		1	130

Approbations	
Specification	Marking
CE marking	
UK Directives	
IEC 60947-3; EN 60947-3; VDE 0660 Teil107	IEC 60947-3 EN 60947-3
UL 60947-4-1; CSA C22.2 No. 60947-4-1	
Power loss per pole	
Power (W)	
1,60	
Conditions during transport and storing	
Minimum temperature (°C)	Maximum temperature (°C) additional requirements
-40	85 In case of temperatures below -5°C no shock load permissible

General Information

Text

- Terminals with factory fitted jumper links are tightened during production for loss prevention. When opening the terminal clamps, make sure that no factory fitted links get lost and that all wire connections are properly seated.
- After wiring, ALL terminal screws must be tightened to the specified torque values.
- The protection class of the selected mounting type may vary if optional extras are used.
- Use only isolated ringtype cable lugs or forked cable lugs.
- Do not lubricate or treat contacts.
- Switches may only be mounted, connected and set into operation by qualified persons according to the accepted rules of technology.
- After installation of the switches the spacings between the terminals must be sufficient to fulfill the requirement of the applicable standards.

Operating temperature

Min. Temperature [°C]

Max. Temperature [°C]

-25

60

Dimensions ring cable lug

A(mm)

8,80 mm