

CHR12

Type Size: S0

Classification Contact: H-Bridge

Classification Contact Mat: Silver

Classification Terminal: Ring type terminal

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

Rated insulation voltage Ui						
		Voltage (V)		AC / DC		
		600		AC / DC		
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			
6	55	60	Ambient temperature +55°C during 24 hours with peaks up to +60°C			
Conventional enclosed thermal current Ithe						
Current (A)	Ambient temperature (°C)	Peak temperature (°C)	Additional requirements	No. of stages (from - to)	Mounting	Mounting size
6	35	40	Ambient temperature +35°C during 24 hours with peaks up to +40°C	--	--	--
Rated operational current Ie						
Utilization category				Voltage (V)	Current (A)	
AC-21A				6	6	
AC-21A				12	6	
AC-21A				24	5	
AC-21A				48	4	
AC-21A				60	3,50	
AC-21A				110	3	
AC-21A				240	1,80	
AC-21A				300	1,30	
AC-21A				440	1	
AC-21A				500	0,80	
AC-21A				600	0,50	
Max. Fuse rating IEC						
Fuse characteristic				No. of Fuses	Current (A)	
gG				1	6	

UL60947-4-1, UL508

Rated insulation voltage Ui			
		Voltage (V)	
		300 AC	
Rated thermal current			
Current (A)	Ambient temperature (°C)	Additional Text	
6	0 - 40	--	

CSA

Rated insulation voltage Ui			
		Voltage (V)	
		300 AC	
Rated thermal current			
Current (A)	Ambient temperature (°C)	Additional Text	
6	0 - 40	--	

GENERAL TECHNICAL INFORMATION

Tightening torque of screws		
		tightening torque (lb-in)
		8,80

Rated short-time withstand current Icw		
	Time (s)	Current (A)
	1	50

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



CSA C.22.2 No.14



Power loss per pole	
	Power (W)
	0,20

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

Shock / Vibration	
Type of oscillation	Values
Resistance to shock	min. 5g, 30ms
Resistance to vibration	IEC 61373 (1999) Category 1, Class B

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