

## DHR11

Type Size: S0

Classification Contact: H-Bridge

Classification Contact Mat: Gold plated

Classification Terminal: Ring type terminal

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

Rated insulation voltage Ui							
			Voltage (V)	AC / DC			
			600	50/60Hz/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				1		6	
AC-21A				6		3	
AC-21A				12		2	
AC-21A				24		1	
AC-21A				48		0,80	
AC-21A				110		0,40	
AC-21A				240		0,20	
AC-21A				380		0,13	
AC-21A				440		0,10	
AC-21A				550		0,08	
AC-21A				600		0,05	
Max. Fuse rating IEC							
Fuse characteristic				No. of Fuses		Current (A)	
gG				1			

### UL60947-4-1, UL508

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

### GENERAL TECHNICAL INFORMATION

Rated short-time withstand current I <sub>cw</sub>		
Time (s)		Current (A)
1		40
Recommended screw driver		
Type of screw driver	Value	
Cross Screwdriver	PH1	
Slot screwdriver according to DIN 5264	0,8x4	
Tightening torque of screws		
tightening torque (Nm)		tightening torque (lb-in)
0,80		7
Approbations		
Specification	Marking	

EAC



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)

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 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)

7,40 mm