

# DHR12B

Type Size: S1

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/lth							
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			110		3		
AC-21A			240		2		
AC-21A			380		1,30		
AC-21A			440		1		
AC-21A			550		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)		AC / DC	
		600		AC	
Rated thermal current					
		Current (A)	Ambient temperature (°C)	Additional Text	
		6	0 - 40	--	

## GENERAL TECHNICAL INFORMATION

Tightening torque of screws			
		tightening torque (Nm)	tightening torque (lb-in)
		0,80	7
Rated short-time withstand current Icw			
		Time (s)	Current (A)
		1	65

Approbations		Marking
Specification		

CE marking



Approbations	
<i>Specification</i>	<i>Marking</i>
UK Directives	
IEC 60947-3; EN 60947-3; VDE 0660 Teil107	<b>IEC 60947-3 EN 60947-3</b>

UL 60947-4-1; CSA C22.2 No. 60947-4-1



Power loss per pole	<i>Power (W)</i>
	0,20

Conditions during transport and storing		
<i>Minimum temperature (°C)</i>	<i>Maximum temperature (°C)</i>	<i>additional requirements</i>
-40	85	In case of temperatures below -5°C no shock load permissible

Shock / Vibration	
<i>Type of oscillation</i>	<i>Values</i>
Resistance to vibration	IEC 61373 (1999) Category 1, Class B

General Information
<i>Text</i>

- 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		
	<i>Min. Temperature [°C]</i>	<i>Max. Temperature [°C]</i>
	-25	60

Dimensions ring cable lug	
A(mm)	7,40 mm