

DH12-4

Type Size: S0

Classification Contact: H-Bridge

Classification Contact Mat: Silver

Classification Terminal: Quick connect

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

Rated insulation voltage Ui

Voltage (V)	AC / DC
600	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
6	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-21A	6	6
AC-21A	12	6
AC-21A	24	5
AC-21A	48	4
AC-21A	60	3,70
AC-21A	110	3
AC-21A	220	2
AC-21A	230	2
AC-21A	240	1,80
AC-21A	380	1,30
AC-21A	400	1,30
AC-21A	440	1
AC-21A	500	0,90
AC-21A	550	0,80
AC-21A	600	0,50

Max. Fuse rating IEC

Fuse characteristic	No. of Fuses	Current (A)
G-fuse, quick	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)
0,60	5

Rated short-time withstand current Icw

Time (s)	Current (A)
1	65

Approbations

Specification	Marking
---------------	---------

CE marking



Approbations		
<i>Specification</i>		<i>Marking</i>
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		cRUUS
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
General Information		
<i>Text</i>		
<ul style="list-style-type: none"> - 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. - 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. - Use only fully insulated cable lugs resp. FASTON receptacles. - 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