

# DH10-4

Type Size: S0

Classification Contact: Rigid contact 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	
		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	110 - 240			5
AC-15	380 - 440			3
AC-21A	20 - 690			16
Rated operational power				
Utilization category	Voltage (V)	No. of phases	No. of poles	Power (kW)
AC-3	220 - 240	3	3	2,20
AC-3	380 - 440	3	3	3,70
AC-3	500 - 500	3	3	3,70
AC-3	660 - 690	3	3	3,70
AC-3	110 - 120	1	2	0,37
AC-3	220 - 240	1	2	1,10
AC-3	380 - 440	1	2	2,20
AC-23A	220 - 240	3	3	3
AC-23A	380 - 440	3	3	5,50
AC-23A	500 - 500	3	3	5,50
AC-23A	660 - 690	3	3	4
AC-23A	110 - 120	1	2	0,55
AC-23A	220 - 240	1	2	1,50
AC-23A	380 - 440	1	2	2,50
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)
0,60		5
Rated short-time withstand current Icw		
Time (s)	Current (A)	
1	120	

Approbations	
Specification	Marking
CE marking	



<b>UK Directives</b>		
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		<b>UL US</b>
<b>Power loss per pole</b>		
		<i>Power (W)</i> 0,70
<b>Conditions during transport and storing</b>		
<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
<b>General Information</b>		
<i>Text</i>		
<ul style="list-style-type: none"> <li>- 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.</li> <li>- After wiring, ALL terminal screws must be tightened to the specified torque values.</li> <li>- The protection class of the selected mounting type may vary if optional extras are used.</li> <li>- Do not lubricate or treat contacts.</li> <li>- Switches may only be mounted, connected and set into operation by qualified persons according to the accepted rules of technology.</li> <li>- Use only fully insulated cable lugs resp. FASTON receptacles.</li> <li>- After installation of the switches the spacings between the terminals must be sufficient to fulfill the requirement of the applicable standards.</li> </ul>		
<b>Operating temperature</b>		
<i>Min. Temperature [°C]</i>	<i>Max. Temperature [°C]</i>	
-25	60	