

KFD32

Type Size: S0

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver




Classification Terminal: Screw terminal

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

Rated insulation voltage Ui				
		Voltage (V)	AC / DC	
		1000	DC with 2 contacts/pole in series	
Rated impulse withstand voltage Uimp				
Voltage (kV)	Overvoltage category	Pollution degree	Supply system	Function
8	III	3	--	Switch / Switch disconnecter
Rated uninterrupted current Iu/Ith				
Current (A)	Ambient temperature (°C)	Peak temperature (°C)	additional requirements	
32	55	60	Ambient temperature +55°C during 24 hours with peaks up to +60°C	

GENERAL TECHNICAL INFORMATION

Rated short-time withstand current I _{cw}				
			Time (s)	Current (A)
			1	400
Size of conductor				
composition of conductor	Min. / Max. value	No. of conductor per terminal	Cross section (mm ²) or (AWG/kcmil)	Material of the wire
Flexible wire	Max.	1	AWG 10	Copper
Flexible wire	Max.	1	4mm ²	Copper
Flexible wire	Min.	1	AWG 18	Copper
Flexible wire	Min.	1	0.5mm ²	Copper
Single-core or stranded wire	Max.	1	6mm ²	Copper
Single-core or stranded wire	Max.	1	AWG 10	Copper
Single-core or stranded wire	Min.	1	AWG 18	Copper
Single-core or stranded wire	Min.	1	0.5mm ²	Copper
Flexible wire with ferrule according to DIN 46228	Max.	1	4mm ²	Copper
Flexible wire with ferrule according to DIN 46228	Min.	1	0.5mm ²	Copper
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)
			1.25	11

Approbations	
Specification	Marking
EAC	
CE marking	
UK Directives	
IEC 60947-3; EN 60947-3; VDE 0660 Teil107	IEC 60947-3 EN 60947-3
Power loss per pole	
Power (W)	
0,90	

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
General Information		
Text		
<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. 		
Operating temperature		
Min. Temperature [°C]	Max. Temperature [°C]	
-5	60	