

KFD25B

Type Size: S1

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)	Overtoltage 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	
25	55	60	Ambient temperature +55°C during 24 hours with peaks up to +60°C	

GENERAL TECHNICAL INFORMATION

Tightening torque of screws				
		tightening torque (Nm)		tightening torque (lb-in)
		1,25	11	
Rated short-time withstand current Icw				
			Time (s)	Current (A)
			1	350
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

Approbations	
Specification	Marking

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)
	0,50

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	
- 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.	

General Information*Text*

- 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]*

-5

Max. Temperature [°C]

60