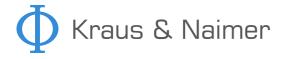


KFD25B

Type Size: S1 Classification Contact: Rigid contact bridge Classification Contact Mat: Silver Classification Terminal: Screw terminal

tated insulation voltage Ui					
		Voltage ((V) AC/DC		
		10	00 DC with 2 contacts/pole in	n series	
ated impulse withstand voltage Uimp					
Voltage (kV) Overvoltage category	Pollution degree	Supply sy	stem		Function
8 III	3				Switch / Switch disconnector
ated uninterrupted current lu/Ith					
Current (A) Ambient temperature	(°C) Peak terr	nperature (°C)	additional requirements		
25	55	60	Ambient temperature +55°C du	ring 24 hours with peaks up to	+60°C
GENERAL TECHNICAL INFORMATION					
ightening torque of screws					
	tigh	tening torque (N	m)		tightening torque (Ib
		1,	25		
ated short-time withstand current Icw					
		Time	.,		Current
t- of some location		_	1		
ize of conductor		_		Cross section (mm ²) or	
omposition of conductor	Min. / Max. value		No. of conductor per terminal	(AWG/kcmil)	Material of the wire
exible wire	Max.		1	AWG 10	Copper
lexible wire	Max.		1	4mm²	Copper
lexible wire	Min.		1	AWG 18	Copper
lexible wire	Min.		1	0.5mm ²	Copper
ingle-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 Flexible wire with ferrule according to DIN 46228	Min. Max.		1	0.5mm² 4mm²	Copper Copper
Exible wire with ferrule according to DIN 46228	Min.		1	0.5mm ²	Copper
lexible wire with female according to Div 40220	WIIII.		I	0.511111	Сорреі
Approbations	_	_		_	
Specification					Marking
CE marking					CE
JK Directives					
EC 60947-3; EN 60947-3; VDE 0660 Teil107					IEC 60947
					EN 60947
Power loss per pole					Dever
					Power
onditions during transport and storing					
Minimum temp	erature (°C)		Maximum temperature	(°C) additional requirement	5
	-40			85 In case of temperature	es below -5°C no shock load permissib

- 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.
- The protection class of the selected mounting type may vary in optional exitias are t
- 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