



C125

Type Size: S2 Classification Contact: Rigid contact bridge Classification Contact Mat: Silver Classification Terminal: Screw terminal

Sample image

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

Value (N) AC/ I/C 16 Number (N) Steph yate	Rated insulation vo	ltage I li						
	Rated Insulation vo	itage of		Voltage (V) AC / DC				
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s i	Rated impulse with	stand voltage Uimp						
onaValue of the many and up of the data of the data of the many and up of the data of	Voltage (kV)	Overvoltage category	Pollution degree	Supply system			Function	
Contract Colspan=2 weight co	6	Ш	3	Valid for lines with grounded comm	non neutral termination		Switch / Switch disconnector	
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Current (n)Makinet memperature (n)Additional requirementsNo. of stages (ffor, fto, Mounting Additional requirements)Mounting also1503540Ambient temperature + 35°C during 24 hours with perature + 35°C during 2			55	60 Ambient temperature +5	5°C during 24 hours with peal	ks up to +60°C		
(A) (CO) Preak deriperature (CO) Advances requirements Constrained of the persident + 35°C during 24 hours with persident + 35°C d					No. of stance (from	_		
10 30 10<		(°C) Peak	temperature (°C) Additional requ	lirements		Mounting	Mounting size	
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UL60947-4-1, UL508

UL60947-4-1 , UL508						
Rated insulation voltage Ui						
		Voltage (V)	AC / DC			
		600	AC			
Rated thermal current	Current (A)	_	Ambient temperature	(°C) Additional Text		_
	150			-40		
General Information						
Text						
- Listed terminal lug's type RF717 manufactured by	Thomas & Betts, or equivalent	, have to be used	for field wiring with single s	screw terminals.		
CSA						
Rated insulation voltage Ui						
		Voltage (V)	AC/DC			
		600	AC			
Rated thermal current	0 (4)	_			_	_
	Current (A) 150		Ambient temperature	e (°C) Additional Text		
	150		U	- 40 -		
GENERAL TECHNICAL INFORMATION						
Tightening torque of screws						
	tighteni	ng torque (Nm)			tighte	ning torque (lb-in)
Rated short-time withstand current lcw		4,50				39,80
		Time (s)				Current (A)
		1				2000
Size of conductor						
composition of conductor	Min. / Max. value	No	of conductor per terminal	Cross section (mm²) or (AWG/kcmil)	Material of the v	vire
Solid wire	Min.		1	4mm ²	Copper	
Solid wire	Min.		2	4mm ²	Copper	
Flexible wire	Min.		1	10mm ²	Copper	
Flexible wire Flexible wire	Max. Max.		1	AWG 1/0 50mm²	Copper Copper	
Flexible wire	Min.		2	10mm ²	Copper	
Single-core or stranded wire	Max.		1	70mm ²	Copper	
Single-core or stranded wire	Max.		1	AWG 2/0	Copper	
Flexible wire with ferrule according to DIN 46228	Min.		1	6mm²	Copper	
Flexible wire with ferrule according to DIN 46228	Max. Min.		1	50mm ² 6mm ²	Copper	
Flexible wire with ferrule according to DIN 46228	WIII.		Z	omm-	Copper	
Approbations Specification		_				Marking
opeomotion						manning
CE marking						CE
						~ ~
UK Directives						
IEC 60947-3; EN 60947-3; VDE 0660 Teil107						IEC 60947-3
						EN 60947-3
						0
UL 60947-4-1; CSA C22.2 No. 60947-4-1						
CSA C.22.2 No.14						SP ®
Power loss per pole						D- (11)
						Power (W) 3,80
Conditions during transport and storing						3,60
Minimum temp	perature (°C)	ture (°C) Maximum temperature (°C) additional requirement			nts	
	-40			85 In case of temperatu	ires below -5°C no shock l	oad permissible
Shock / Vibration Type of oscillation			Values			
Resistance to shock		min. 5g, 30ms				
Resistance to vibration			IEC 61373 (1999) Catego	ry 1, Class B		



General Information

Text

- Use only copper wires with or without tinned/silver-plated individual wires. Soldering the end of the wire before wiring is not allowed.

- DC switching capacity applies to ON/OFF switches.
- 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

Min. Temperature [°C]

Max. Temperature [°C] 60