



Sample image

C125-6

Type Size: S2

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Ring type terminal

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 / Switch disconnector	
Rated uninterrupted current Iu/Ith							
Current (A)		Ambient temperature (°C)		Peak temperature (°C)	additional requirements		
150		55		60	Ambient temperature +55°C during 24 hours with peaks up to +60°C		
Conventional enclosed thermal current Ithe							
Current (A)	Ambient temperature (°C)	Peak temperature (°C)	Additional requirements		No. of stages (from - to)	Mounting	Mounting size
150	35	40	Ambient temperature +35°C during 24 hours with peaks up to +40°C		--	--	--
Rated operational current Ie							
Utilization category			Voltage (V)		Current (A)		
AC-20A			690		150		
AC-21A			20 - 690		150		
AC-22A			220 - 500		150		
AC-22A			660 - 690		125		
Rated operational power							
Utilization category		Voltage (V)		No. of phases	No. of poles		Power (kW)
AC-2		220 - 240		3	3		37
AC-2		380 - 440		3	3		55
AC-2		500 - 500		3	3		75
AC-2		660 - 690		3	3		55
AC-3		220 - 240		3	3		22
AC-3		380 - 440		3	3		37
AC-3		500 - 500		3	3		37
AC-3		660 - 690		3	3		30
AC-3		110 - 120		1	2		5,50
AC-3		220 - 240		1	2		11
AC-3		380 - 440		1	2		18,50
AC-4		220 - 240		3	3		10
AC-4		380 - 440		3	3		15
AC-4		500 - 500		3	3		15
AC-4		660 - 690		3	3		15
AC-4		110 - 120		1	2		2,20
AC-4		220 - 240		1	2		4
AC-4		380 - 440		1	2		7,50
AC-23A		220 - 240		3	3		37
AC-23A		380 - 440		3	3		75
AC-23A		500 - 500		3	3		90
AC-23A		660 - 690		3	3		55
AC-23A		110 - 120		1	2		11
AC-23A		220 - 240		1	2		22
AC-23A		380 - 440		1	2		37
Max. Fuse rating IEC							
Fuse characteristic			No. of Fuses		Current (A)		
gG			1		200		

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	0 - 40	--

GENERAL TECHNICAL INFORMATION
Tightening torque of screws

tightening torque (Nm)	tightening torque (lb-in)
4,50	39,80

Rated short-time withstand current Icw

Time (s)	Current (A)
1	2000

Approbations
Specification
Marking

CE marking


UK Directives

IEC 60947-3; EN 60947-3; VDE 0660 Teil107

IEC 60947-3
EN 60947-3

UL 60947-4-1; CSA C22.2 No. 60947-4-1


Power loss per pole

Power (W)
3,80

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

Shock / Vibration

Type of oscillation	Values
Resistance to shock	min. 5g, 30ms
Resistance to vibration	IEC 61373 (1999) Category 1, Class B

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.
- 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.
- 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]
-25	60