



CA4

Type Size: S00

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

Rated insulation voltage Ui						
		Voltage (V)		AC / DC		
		440		AC / DC		
Rated impulse withstand voltage Uimp						
Voltage (kV)		Overvoltage category		Pollution degree		Supply system
4		III		3		Valid for lines with grounded common neutral termination
						switch
Rated uninterrupted current Iu/Ith						
Current (A)		Ambient temperature (°C)		Peak temperature (°C)		additional requirements
10		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
10		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-15				220 - 240		2,50
AC-15				380 - 440		1,50
AC-20A				440		10
AC-21A				440		10
AC-22A				220 - 440		10
Rated operational power						
Utilization category		Voltage (V)		No. of phases		No. of poles
AC-2		220 - 240		3		3
AC-2		380 - 440		3		3
AC-3		220 - 240		3		3
AC-3		380 - 440		3		3
AC-3		110 - 120		1		2
AC-3		220 - 240		1		2
AC-3		380 - 440		1		2
AC-4		220 - 240		3		3
AC-4		380 - 440		3		3
AC-4		110 - 120		1		2
AC-4		220 - 240		1		2
AC-4		380 - 440		1		2
AC-23A		220 - 240		3		3
AC-23A		380 - 440		3		3
AC-23A		110 - 120		1		2
AC-23A		220 - 240		1		2
AC-23A		380 - 440		1		2
Max Fuse Rating IEC						
Fuse characteristic				No. of Fuses		Current (A)
gG				1		10

UL60947-4-1, UL508

Rated insulation voltage Ui						
		Voltage (V)		AC / DC		
		300		AC		

Rated thermal current			
	Current (A)	Ambient temperature (°C)	Additional Text
	10	0 - 40	--

CSA

Rated insulation voltage Ui		
	Voltage (V)	AC / DC
	300	AC

Rated thermal current			
	Current (A)	Ambient temperature (°C)	Additional Text
	10	0 - 40	--

GENERAL TECHNICAL INFORMATION

Tightening torque of screws		
	tightening torque (Nm)	tightening torque (lb-in)
	0,40	3,50

Rated short-time withstand current Icw		
	Time (s)	Current (A)
	1	60

Size of conductor					
composition of conductor	Min. / Max. value	No. of conductor per terminal	Cross section (mm²) or (AWG/kcmil)	Material of the wire	
solid wire	Min.	1	0.5mm²	Copper	
solid wire	Min.	2	0.5mm²	Copper	
flexible wire	Min.	1	0.75mm²	Copper	
flexible wire	Min.	2	0.75mm²	Copper	
flexible wire	Max.	2	AWG 16	Copper	
flexible wire	Max.	2	1.5mm²	Copper	
Single-core or stranded wire	Max.	2	AWG 14	Copper	
Single-core or stranded wire	Max.	2	1.5mm²	Copper	
flexible wire with ferrule according to DIN 46228	Min.	1	0.5mm²	Copper	
flexible wire with ferrule according to DIN 46228	Max.	2	1mm²	Copper	
flexible wire with ferrule according to DIN 46228	Min.	2	0.5mm²	Copper	

Approbations	
Specification	Marking

EAC	
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CE marking	
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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	
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CSA C.22.2 No.14	
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Russian Maritime Register of Shipping	
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Power loss per pole	
	Power (W)
	0,40

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 vibration	Min. 4g, 2-100Hz, 1,6mm
Resistance to shock	Min. 5g, 6ms

General Information	
Text	

- DC switching capacity applies to ON/OFF switches.

General Information		
Text		
- 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 copper wire only. Do not coat the wire end with tin. - Terminals with factory fitted jumper links are tightened during production. Take care during installation to ensure factory fitted links are not lost by undoing both sides of linked terminals. After wiring, all terminal screws must be tightened to recommended torque specifications. - 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