



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		Function	
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		No. of stages (from - to)	Mounting	Mounting size
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	Power (kW)	
AC-2		220 - 240		3	3	2,50	
AC-2		380 - 440		3	3	4,50	
AC-3		220 - 240		3	3	1,50	
AC-3		380 - 440		3	3	2,20	
AC-3		110 - 120		1	2	0,30	
AC-3		220 - 240		1	2	0,55	
AC-3		380 - 440		1	2	0,75	
AC-4		220 - 240		3	3	0,37	
AC-4		380 - 440		3	3	0,55	
AC-4		110 - 120		1	2	0,15	
AC-4		220 - 240		1	2	0,25	
AC-4		380 - 440		1	2	0,50	
AC-23A		220 - 240		3	3	1,80	
AC-23A		380 - 440		3	3	3	
AC-23A		110 - 120		1	2	0,37	
AC-23A		220 - 240		1	2	0,75	
AC-23A		380 - 440		1	2	1,10	
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	Max.	2	1mm²	Copper	
flexible wire with ferrule according to DIN 46228	Min.	1	0.5mm²	Copper	
flexible wire with ferrule according to DIN 46228	Min.	2	0.5mm²	Copper	

Approbations	
Specification	Marking

EAC



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



CSA C.22.2 No.14



Russian Maritime Register of Shipping



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