



Sample image

CA10Y

Type Size: S0

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw 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
Rated uninterrupted current Iu/Ith						
Current (A)		Ambient temperature (°C)	Peak temperature (°C)	additional requirements		
20		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		6	
AC-15			380 - 440		4	
AC-20A			690		20	
AC-21A			20 - 690		20	
AC-22A			220 - 500		20	
AC-22A			660 - 690		20	
Rated operational power						
Utilization category		Voltage (V)	No. of phases	No. of poles	Power (kW)	
AC-2		220 - 240	3	3	4	
AC-2		380 - 440	3	3	7,50	
AC-2		500 - 500	3	3	10	
AC-2		660 - 690	3	3	10	
AC-3		220 - 240	3	3	3	
AC-3		380 - 440	3	3	5,50	
AC-3		500 - 500	3	3	5,50	
AC-3		660 - 690	3	3	5,50	
AC-3		110 - 120	1	2	0,60	
AC-3		220 - 240	1	2	2,20	
AC-3		380 - 440	1	2	3	
AC-4		220 - 240	3	3	0,55	
AC-4		380 - 440	3	3	1,50	
AC-4		500 - 500	3	3	1,50	
AC-4		660 - 690	3	3	1,50	
AC-4		110 - 120	1	2	0,30	
AC-4		220 - 240	1	2	0,75	
AC-4		380 - 440	1	2	1,50	
AC-23A		220 - 240	3	3	3,70	
AC-23A		380 - 440	3	3	7,50	
AC-23A		500 - 500	3	3	7,50	
AC-23A		660 - 690	3	3	7,50	
AC-23A		110 - 120	1	2	0,75	
AC-23A		220 - 240	1	2	2,50	
AC-23A		380 - 440	1	2	3,70	
Max. Fuse rating IEC						
Fuse characteristic			No. of Fuses		Current (A)	
gG			1		25	

UL60947-4-1, UL508

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

Rated thermal current			
	Current (A)	Ambient temperature (°C)	Additional Text
	20	0 - 40	--

CSA

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

Rated thermal current			
	Current (A)	Ambient temperature (°C)	Additional Text
	20	0 - 40	--

GENERAL TECHNICAL INFORMATION

Tightening torque of screws		
	tightening torque (Nm)	tightening torque (lb-in)
	0,60	5

Rated short-time withstand current Icw		
	Time (s)	Current (A)
	1	140

Size of conductor					
composition of conductor	Min. / Max. value	No. of conductor per terminal	Cross section (mm²) or (AWG/kcmil)	Material of the wire	
Flexible wire	Max.	2	2.5mm²	Copper	
Flexible wire	Max.	2	AWG 14	Copper	
Single-core or stranded wire	Max.	2	AWG 12	Copper	
Single-core or stranded wire	Max.	2	2.5mm²	Copper	
Flexible wire with ferrule according to DIN 46228	Max.	2	2.5mm²	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



Power loss per pole	
	Power (W)
	0,90

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

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.
- 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.
- The coil of the under-voltage release contains voltage-sensitive components. To avoid destruction of these components the coil shall be disconnected during voltage testing.
- 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]
	-5	40