



Sample image

C32S

Type Size: S1

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 U_i

Voltage (V)	AC / DC
690	AC

Rated impulse withstand voltage U_{imp}

Voltage (kV)	Overtoltage category	Pollution degree	Supply system	Function
6	III	3	Valid for lines with grounded common neutral termination	Switch / Switch disconnecter

Rated uninterrupted current I_u /Ith

Current (A)	Ambient temperature (°C)	Peak temperature (°C)	additional requirements
50	55	60	Ambient temperature +55°C during 24 hours with peaks up to +60°C

Conventional enclosed thermal current I_{the}

Current (A)	Ambient temperature (°C)	Peak temperature (°C)	Additional requirements	No. of stages (from - to)	Mounting	Mounting size
50	35	40	Ambient temperature +35°C during 24 hours with peaks up to +40°C	--	--	--

Rated operational current I_e

Utilization category	Voltage (V)	Current (A)
AC-15	220 - 240	16
AC-15	380 - 440	7
AC-20A	690	50
AC-21A	20 - 690	40
AC-22A	220 - 500	40
AC-22A	660 - 690	40

Rated operational power

Utilization category	Voltage (V)	No. of phases	No. of poles	Power (kW)
AC-2	220 - 240	3	3	10
AC-2	380 - 440	3	3	18,50
AC-2	500 - 500	3	3	22
AC-2	660 - 690	3	3	22
AC-3	220 - 240	3	3	7,50
AC-3	380 - 440	3	3	15
AC-3	500 - 500	3	3	15
AC-3	660 - 690	3	3	15
AC-3	110 - 120	1	2	2,50
AC-3	220 - 240	1	2	5,50
AC-3	380 - 440	1	2	7,50
AC-4	220 - 240	3	3	3,70
AC-4	380 - 440	3	3	6
AC-4	500 - 500	3	3	6
AC-4	660 - 690	3	3	6
AC-4	110 - 120	1	2	1,10
AC-4	220 - 240	1	2	2,20
AC-4	380 - 440	1	2	3,70
AC-23A	220 - 240	3	3	11
AC-23A	380 - 440	3	3	22
AC-23A	500 - 500	3	3	30
AC-23A	660 - 690	3	3	22
AC-23A	110 - 120	1	2	2,50
AC-23A	220 - 240	1	2	5,50
AC-23A	380 - 440	1	2	11

Max. Fuse rating IEC		
<i>Fuse characteristic</i>	<i>No. of Fuses</i>	<i>Current (A)</i>
gG	1	63

UL60947-4-1 , UL508

Rated insulation voltage Ui		
	<i>Voltage (V)</i>	<i>AC / DC</i>
	600	AC

Rated thermal current			
	<i>Current (A)</i>	<i>Ambient temperature (°C)</i>	<i>Additional Text</i>
	50	0 - 40	-

CSA

Rated insulation voltage Ui		
	<i>Voltage (V)</i>	<i>AC / DC</i>
	600	AC

Rated thermal current			
	<i>Current (A)</i>	<i>Ambient temperature (°C)</i>	<i>Additional Text</i>
	50	0 - 40	-

GENERAL TECHNICAL INFORMATION

Tightening torque of screws		
	<i>tightening torque (Nm)</i>	<i>tightening torque (lb-in)</i>
	2,20	19,50

Rated short-time withstand current Icw		
	<i>Time (s)</i>	<i>Current (A)</i>
	1	800

Size of conductor					
<i>composition of conductor</i>	<i>Min. / Max. value</i>	<i>No. of conductor per terminal</i>	<i>Cross section (mm²) or (AWG/kcmil)</i>	<i>Material of the wire</i>	
Flexible wire	Max.	2	6mm²	Copper	
Flexible wire	Max.	2	AWG 8	Copper	
Single-core or stranded wire	Max.	2	10mm²	Copper	
Single-core or stranded wire	Max.	2	AWG 8	Copper	
Flexible wire with ferrule according to DIN 46228	Max.	2	6mm²	Copper	

Approbations	
<i>Specification</i>	<i>Marking</i>

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	
	<i>Power (W)</i>
	1,30

Conditions during transport and storing			
	<i>Minimum temperature (°C)</i>	<i>Maximum temperature (°C)</i>	<i>additional requirements</i>
	-40	85	In case of temperatures below -5°C no shock load permissible

General Information	
<i>Text</i>	

- 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.

General Information*Text*

- 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]*

-5

Max. Temperature [°C]

60