



Sample image

C315

Type Size: S3

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Bolt terminal

IEC 60947-3 EN 60947-3, VDE 0660 Teil 107

Rated insulation voltage Ui

Voltage (V) AC / DC

690 AC / DC

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
315	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
315	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-13	230	150
AC-20A	690	315
AC-21A	20 - 690	315
AC-22A	220 - 500	315
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	55
AC-2	380 - 440	3	3	90
AC-2	500 - 500	3	3	110
AC-2	660 - 690	3	3	55
AC-3	220 - 240	3	3	37
AC-3	380 - 440	3	3	55
AC-3	500 - 500	3	3	55
AC-3	660 - 690	3	3	37
AC-3	110 - 120	1	2	11
AC-3	220 - 240	1	2	22
AC-3	380 - 440	1	2	30
AC-4	220 - 240	3	3	15
AC-4	380 - 440	3	3	25
AC-4	500 - 500	3	3	25
AC-4	660 - 690	3	3	22
AC-4	110 - 120	1	2	4
AC-4	220 - 240	1	2	7,50
AC-4	380 - 440	1	2	11
AC-23A	220 - 240	3	3	75
AC-23A	500 - 500	3	3	132
AC-23A	660 - 690	3	3	37
AC-23A	380 - 440	3	3	132
AC-23A	110 - 120	1	2	18,50
AC-23A	220 - 240	1	2	37
AC-23A	380 - 440	1	2	55

Max. Fuse rating IEC

Fuse characteristic	No. of Fuses	Current (A)
gG	1	315

UL60947-4-1, UL508
Rated insulation voltage Ui

Voltage (V)	AC / DC
600	AC

Rated thermal current

Current (A)	Ambient temperature (°C)	Additional Text
240	0 - 40	--

CSA
Rated insulation voltage Ui

Voltage (V)	AC / DC
600	AC

Rated thermal current

Current (A)	Ambient temperature (°C)	Additional Text
240	0 - 40	--

GENERAL TECHNICAL INFORMATION
Tightening torque of screws

tightening torque (Nm)	tightening torque (lb-in)
14	125

Rated short-time withstand current Icw

Time (s)	Current (A)
1	4200

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.	1	MCM 300	Copper
Flexible wire	Max.	1	150mm²	Copper
Single-core or stranded wire	Max.	1	185mm²	Copper
Single-core or stranded wire	Max.	1	MCM 350	Copper

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



CSA C.22.2 No.14


Power loss per pole

Power (W)
17

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

- Cable lug must accept M12 screw.
- 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]	Max. Temperature [°C]
	-5	60

Dimensions ring cable lug		
	A(mm)	28,20 mm