



Sample image

L400

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

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 disconnecter

Rated uninterrupted current Iu/Ith

Current (A)	Ambient temperature (°C)	Peak temperature (°C)	additional requirements
500	55	60	Ambient temperature +55°C during 24 hours with peaks up to +60°C

Rated operational current Ie

Utilization category	Voltage (V)	Current (A)
AC-20A	20 - 690	500
AC-21B	220 - 440	450
AC-21B	500 - 500	400
AC-21B	660 - 690	300

Rated operational power

Utilization category	Voltage (V)	No. of phases	No. of poles	Power (kW)
AC-23B	220 - 240	3	3	75
AC-23B	380 - 440	3	3	132
AC-23B	500 - 500	3	3	132
AC-23B	660 - 690	3	3	55

Max. Fuse rating IEC

Fuse characteristic	No. of Fuses	Current (A)
aR	1	500

UL60947-4-1, UL508

Rated insulation voltage Ui

Voltage (V)	AC / DC
600	AC

Rated thermal current

Current (A)	Ambient temperature (°C)	Additional Text
400	0 - 40	–

General Information

Text

- Listed cable lugs type YA36N manufactured by Burndy or CRA-600L or CRA600 manufactured by IlSCO or BLU-060S manufactured by Penn-Union have to be used for field wiring of type L400 and L401.

CSA

Rated insulation voltage Ui

Voltage (V)	AC / DC
600	AC




Rated thermal current

Current (A)	Ambient temperature (°C)	Additional Text
400	0 - 40	–

GENERAL TECHNICAL INFORMATION

Tightening torque of screws

tightening torque (Nm)	tightening torque (lb-in)
25	220

Rated short-time withstand current I _{cw}		
	Time (s)	Current (A)
	1	6500
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)
		21,30
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		
<div>- Cable lug or copper bus must accept M12x30 screw.</div> <div>- 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.</div> <div>- After wiring, ALL terminal screws must be tightened to the specified torque values.</div> <div>- The protection class of the selected mounting type may vary if optional extras are used.</div> <div>- Do not lubricate or treat contacts.</div> <div>- Switches may only be mounted, connected and set into operation by qualified persons according to the accepted rules of technology.</div> <div>- After installation of the switches the spacings between the terminals must be sufficient to fulfill the requirement of the applicable standards.</div>		
Operating temperature		
	Min. Temperature [°C]	Max. Temperature [°C]
	-5	60