



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)	Overtoltage 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 Icw		
	Time (s)	Current (A)
	1	6500

Approbations	
Specification	Marking

EAC	
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CE marking	
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UK Directives

IEC 60947-3; EN 60947-3; VDE 0660 Teil107	<b>IEC 60947-3 EN 60947-3</b>
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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	

- Cable lug or copper bus must accept M12x30 screw.
- 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.
- 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