



Sample image

## L600

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 disconnector	
Rated uninterrupted current Iu/Ith					
Current (A)	Ambient temperature (°C)	Peak temperature (°C)	additional requirements		
800	35	40	Ambient temperature +35°C during 24 hours with peaks up to +40°C		
750	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		800	
AC-21B		220 - 440		500	
AC-21B		500 - 500		450	
AC-21B		660 - 690		350	
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	65
Max. Fuse rating IEC					
Fuse characteristic			No. of Fuses		Current (A)
aR			1		800

### UL60947-4-1 , UL508

Rated insulation voltage Ui			
		Voltage (V)	AC / DC
		600	AC
Rated thermal current			
Current (A)		Ambient temperature (°C)	Additional Text
630		0 - 40	--

### CSA

Rated insulation voltage Ui			
		Voltage (V)	AC / DC
		600	AC
Rated thermal current			
Current (A)		Ambient temperature (°C)	Additional Text
600		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		9000

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)*

36,40

**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*

- Cable lug or copper bus must accept M16x40 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