

Sample image

# L631

Type Size: S2

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
630	35	40	Ambient temperature +35°C during 24 hours with peaks up to +40°C
600	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	630
AC-21B	220 - 440	350
AC-21B	500 - 500	315
AC-21B	660 - 690	250

**Rated operational power**

Utilization category	Voltage (V)	No. of phases	No. of poles	Power (kW)
AC-23B	220 - 240	3	3	45
AC-23B	380 - 440	3	3	90
AC-23B	500 - 500	3	3	110
AC-23B	660 - 690	3	3	65

**Max. Fuse rating IEC**

Fuse characteristic	No. of Fuses	Current (A)
aR	1	630

## 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
630	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	7000

Approbations		Marking
Specification		
EAC		
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)
		25,10
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		
<ul style="list-style-type: none"> <li>- Cable lug or copper bus must accept M16x30 screw.</li> <li>- 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.</li> <li>- After wiring, ALL terminal screws must be tightened to the specified torque values.</li> <li>- The protection class of the selected mounting type may vary if optional extras are used.</li> <li>- Do not lubricate or treat contacts.</li> <li>- Switches may only be mounted, connected and set into operation by qualified persons according to the accepted rules of technology.</li> <li>- After installation of the switches the spacings between the terminals must be sufficient to fulfill the requirement of the applicable standards.</li> </ul>		
Operating temperature		
Min. Temperature [°C]	Max. Temperature [°C]	
-25	60	