

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)	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	
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		
Specification	Marking	
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>- 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>- Terminals with factory fitted jumper links are tightened during production. Take care during installation to ensure factory fitted links are not lost by undoing both sides of linked terminals. After wiring, all terminal screws must be tightened to recommended torque specifications.</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