



Sample image

L630

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 U_i

Voltage (V)	AC / DC
690	AC

Rated impulse withstand voltage U_{imp}

Voltage (kV)	Overtoltage category	Pollution degree	Supply system	Function
6	III	3	Valid for lines with grounded common neutral termination	Switch / Switch disconnector

Rated uninterrupted current I_u/I_{th}

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 I_e

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 U_i

Voltage (V)	AC / DC
600	AC

Rated thermal current

Current (A)	Ambient temperature (°C)	Additional Text
630	0 - 40	-

CSA
Rated insulation voltage U_i

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 I_{sc}

Time (s)	Current (A)
1	7000


Approbations


Specification	Marking
EAC	



CE marking	
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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	
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CSA C.22.2 No.14	
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Power loss per pole	Power (W) 25,10
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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 M16x30 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]
-25		60