



Sample image

L1000

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
1000	35	40	Ambient temperature +35°C during 24 hours with peaks up to +40°C
920	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	1000
AC-21B	220 - 440	400
AC-21B	500 - 500	350
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	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	1000

UL60947-4-1, UL508
Rated insulation voltage Ui

Voltage (V)	AC / DC
600	AC

Rated thermal current

Current (A)	Ambient temperature (°C)	Additional Text
1000	0 - 40	-

CSA
Rated insulation voltage Ui

Voltage (V)	AC / DC
600	AC

Rated thermal current

Current (A)	Ambient temperature (°C)	Additional Text
1000	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	8000

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	<i>Power (W)</i> 42,20
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Conditions during transport and storing		
<i>Minimum temperature (°C)</i>	<i>Maximum temperature (°C)</i>	<i>additional requirements</i>
-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		
	<i>Min. Temperature [°C]</i>	<i>Max. Temperature [°C]</i>
	-25	60