



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	50/60Hz			
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	
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

Rated short-time withstand current I _{cw}		
	Time (s)	Current (A)
	1	8000
Recommended screw driver		
Type of screw driver	Value	
Wrench	M16	
Tightening torque of screws		
	tightening torque (Nm)	tightening torque (lb-in)
	25	220

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) 42,20
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">- 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]
-25		60