

Sample image

L2000

Type Size: S3

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 disconnector
Rated uninterrupted current Iu/Ith				
Current (A)	Ambient temperature (°C)	Peak temperature (°C)	additional requirements	
2400	35	40	Ambient temperature +35°C during 24 hours with peaks up to +40°C	
2000	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		2400	
AC-21B	220 - 440		800	
AC-21B	500 - 500		630	
AC-21B	660 - 690		350	
Rated operational power				
Utilization category	Voltage (V)	No. of phases	No. of poles	Power (kW)
AC-23B	220 - 240	3	3	75
AC-23B	380 - 440	3	3	132
AC-23B	500 - 500	3	3	132
AC-23B	660 - 690	3	3	65
Max Fuse Rating IEC				
Fuse characteristic	No. of Fuses		Current (A)	
aR	2		1250	

CSA

Rated insulation voltage Ui				
		Voltage (V)	AC / DC	
		600	AC	
Rated thermal current				
		Current (A)	Ambient temperature (°C)	Additional Text
		2000	0 - 40	–

GENERAL TECHNICAL INFORMATION

Tightening torque of screws		
		tightening torque (lb-in)
		220
Rated short-time withstand current Icw		
		Time (s)
		1
		24000


Approbations	
Specification	Marking

EAC



CE marking



Approbations		
Specification		Marking
UK Directives		
IEC 60947-3; EN 60947-3; VDE 0660 Teil107		IEC 60947-3 EN 60947-3
CSA C.22.2 No.14		
Power loss per pole		
		Power (W)
		97,90
Conditions during transport and storing		
Minimum temperature (°C)		Maximum temperature (°C)
-40		85
		additional requirements
		In case of temperatures below -5°C no shock load permissible
General Information		
Text		
<div>- Cable lug or copper bus must accept 4xM16x50 screw.</div> <div>- Do not lubricate or treat contacts.</div> <div>- Switches may only be mounted, connected and set into operation by qualified persons according to the accepted rules of technology.</div> <div>- 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.</div> <div>- After installation of the switches the spacings between the terminals must be sufficient to fulfill the requirement of the applicable standards.</div>		
Operating temperature		
Min. Temperature [°C]		Max. Temperature [°C]
-5		60