



Sample image

L1600

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	
1900	35	40	Ambient temperature +35°C during 24 hours with peaks up to +40°C	
1700	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		1900	
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		1000	

UL60947-4-1 , UL508

Rated insulation voltage Ui			
		Voltage (V)	AC / DC
		600	AC / DC
Rated thermal current			
Current (A)		Ambient temperature (°C)	Additional Text
1550		0 - 40	--

CSA

Rated insulation voltage Ui			
		Voltage (V)	AC / DC
		600	AC
Rated thermal current			
Current (A)		Ambient temperature (°C)	Additional Text
1600		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		20000

Approbations	
Specification	Marking
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)

77

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 2xM16x50 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]

-5

60