



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 disconnecter

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	
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)	
	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		
<ul style="list-style-type: none">- Cable lug or copper bus must accept 2xM16x50 screw.- 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.- 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.- 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