



Sample image

KG316

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		
			1000	AC		
Rated impulse withstand voltage Uimp						
Voltage (kV)		Overvoltage category	Pollution degree	Supply system		Function
8		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	
315		50		55	Ambient temperature +50°C during 24 hours with peaks up to +55°C	
Conventional enclosed thermal current Ithe						
Current (A)	Ambient temperature (°C)	Peak temperature (°C)	Additional requirements		No. of stages (from - to)	Mounting size
315	35	40	Ambient temperature +35°C during 24 hours with peaks up to +40°C		--	--
Rated operational current Ie						
Utilization category			Voltage (V)			Current (A)
AC-20A			1000			315
AC-21A			20 - 690			315
AC-22A			220 - 500			250
AC-22A			660 - 690			140
Rated operational power						
Utilization category		Voltage (V)		No. of phases	No. of poles	Power (kW)
AC-3		220 - 240		3	3	45
AC-3		380 - 440		3	3	75
AC-3		500 - 500		3	3	90
AC-3		660 - 690		3	3	45
AC-23A		220 - 240		3	3	55
AC-23A		500 - 500		3	3	132
AC-23A		380 - 440		3	3	110
AC-23A		660 - 690		3	3	45
Max Fuse Rating IEC						
Fuse characteristic			No. of Fuses			Current (A)
gG			1			315

UL60947-4-1, UL508

Rated insulation voltage Ui			
		Voltage (V)	AC / DC
		600	AC
Rated thermal current			
Current (A)		Ambient temperature (°C)	Additional Text
300		0 - 40	--
General Information			
Text			
- The operating handle and position indicating means to be used with these manual motor controllers should be provided from the manufacturer, or the operating handle and position indicating means to be used should have been previously evaluated in combination with the manual motor controllers.			

CSA

Rated insulation voltage Ui			
		Voltage (V)	AC / DC
		600	AC

Rated thermal current			
	Current (A)	Ambient temperature (°C)	Additional Text
	300	0 - 40	--
GENERAL TECHNICAL INFORMATION			
Tightening torque of screws			
	tightening torque (Nm)	tightening torque (lb-in)	
	16	140	
Rated short-time withstand current I _{sw}			
	Time (s)	Current (A)	
	1	5800	
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			
GB/T14048.3			
Power loss per pole			
	Power (W)		
	12,70		
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			
- The wiring aid has to be removed before voltage is applied! - 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.			
Operating temperature			
	Min. Temperature [°C]	Max. Temperature [°C]	
	-5	55	

ring type terminal dimensions

A(mm)	25,00 mm
A(mm)	34,00 mm