



Sample image

KG100

Type Size: S1

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw terminal

Rated uninterrupted current lutrith Current (A) Ambient temperature (**C) Peak temperature (**C) Additional requirements Social temperature (**C) Social temperature (**C) Additional requirements Social temperature (**C) Additi	IEC 60947	7-3 EN	N 60947-3, VD	E 0660 Teil 107						
Noting										
Reted impulse with a voltage with sour voltage with volt	Rateu Ilisula	LIOII VOI	lage of		Voltage	(V) AC/DC				
Part					-	. ,				
Voltage Vol	Rated impuls	se withs	tand voltage Uimp							
Reted uninterrupted current tu/Interception (Corrent (A)				ory Pollution	degree Supply s	ystem			Function	
Current (A)		6	III	3	Valid for	lines with grounded comr	non neutral termination		Switch / Switch disconnector	
## Cornent 100	Rated uninte	rrupted	current lu/lth							
Conventional enclosed thermal current (x) Additional requirements No. of stages (from top) Mounting Mountings size 100 35 40 Ambient temperature +35°C during 24 hours with peaks up to +40°C -	Current (A	4)	Ambient	temperature (°C)	Peak temperature (°C)	additional requirements				
Current (A) Ambient temperature (°C) Aed temperature (°C) Additional requirements (°C) No. of stages (from to pack with to pack with to pack with peaks up to +40°C No. of stages (from to pack with to pack with to pack with peaks up to +40°C No. of stages (from to pack with with with with with peaks up to +40°C No. of stages (from to pack with with with with with with with with	10	10		50	55	Ambient temperature +5	0°C during 24 hours with peal	ks up to +55°C		
(A) (*C) Peak Infigeration (*C) Audinitial Engineerature 435°C during 24 hours with peaks up to 440°C	Conventiona	l enclos	ed thermal current	Ithe						
Rated operational current Ie Utilization category		Amb		Peak temperature (°C)	Additional requirements			Mounting	Mounting size	
Utilization category Voltage (V) Cur AC-32A 20 - 400 C AC-2DA 20 - 690 C AC-21A 20 - 690 C AC-22A 220 - 500 C AC-22A 660 - 690 C Rated operational power Voltage (V) No. of phases No. of poles Pow AC-3 220 - 240 3 3 C AC-3 380 - 440 3 3 C AC-3A 500 - 500 3 3 C AC-23A 20 - 240 3 3 C AC-3 500 - 500 3 3 C AC-23A 20 - 240 3 3 C AC-23A 20 - 240 3 3 3 C AC-23A 30 - 40 3 3 3 C AC-23A 50 - 500 3 3 3 C C Fuse characteristic No. of Fuses No. of Fuses <td< td=""><td></td><td></td><td></td><td>40</td><td></td><td>°C during 24 hours with</td><td>-</td><td></td><td></td></td<>				40		°C during 24 hours with	-			
AC-32A			irrent le							
AC-20A		tegory					- , ,		Current (A	
AC-21A 20 - 690 AC-22A 660 - 690 Rated operational power Utilization category Voltage (V) No. of phases No. of poles Pow AC-3 220 - 240 3 3 4 AC-3 500 - 500 3 3 4 AC-3 660 - 690 3 3 4 AC-23A 200 - 240 3 3 4 AC-23A 380 - 440 3 3 3 AC-23A 380 - 440 3 3 3 AC-23A 300 - 500 3 3 3 AC-23A 660 - 690 3 3 3 AC-23A 660 - 690 3 3 3 AC-23A 660 - 690 3 3 3 AC-23A 500 - 500 3 3 3 Max. Fuse rating IEC No. of Fuses Cur Voltage (V) AC / DC Voltage (V) AC / DC Voltage (V) AC / DC AC / A									10	
AC-22A 220 - 500 AC-22A 660 - 690 Rated operational power Uilization category Voltage (V) No. of phases No. of poles Pow AC-3 220 - 240 3 4 4 4 4 4 <th co<="" td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>10</td></th>	<td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>10</td>									10
AC-22A Sectional power S									10	
No. of phases No. of poles Pow	AC-22A	220 - 500			10					
Utilization category Voltage (V) No. of phases No. of poles Pow AC-3 220 - 240 3 3 3 AC-3 380 - 440 3 3 3 AC-3 500 - 500 3 3 3 AC-23A 660 - 690 3 3 3 AC-23A 380 - 440 3 3 3 AC-23A 500 - 500 3 3 3 AC-23A 660 - 690 3 3 3 AC-23A 660 - 690 3 3 3 AC-23A 600 - 690 3 3 3 AC-23A 600 - 690 3 3 3 Max. Fuse rating IEC Fuse characteristic No. of Fuses Cur gG 1 1 UL60947-4-1 , UL508 Voltage (V) AC / DC 600 AC Rated thermal current Current (A) Ambient temperature (*C) Additional Text </td <td>AC-22A</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>660 - 690</td> <td></td> <td>8</td>	AC-22A						660 - 690		8	
AC-3			ower							
AC-3	Utilization ca	tegory			Voltage (V)	No. of phases	No.	•	Power (kV	
AC-3	AC-3				220 - 240	3		3	18,5	
AC-3	AC-3				380 - 440	3		3	3	
AC-23A 220 - 240 3 3 3 AC-23A 380 - 440 3 3 3 AC-23A 500 - 500 3 3 3 AC-23A 660 - 690 3 3 3 AC-23A 660 - 690 3 3 3 Max. Fuse rating IEC Fuse characteristic No. of Fuses Current (a) AC / DC	AC-3				500 - 500	3		3	3	
AC-23A 380 - 440 3 3 3 AC-23A 500 - 500 3 3 3 AC-23A 660 - 690 3 3 3 Max. Fuse rating IEC Fuse characteristic No. of Fuses Cur gG 1 UL60947-4-1 , UL508 Rated insulation voltage Ui Rated thermal current Current (A) Ambient temperature (*C) Additional Text	AC-3				660 - 690	3		3	2	
AC-23A 500 - 500 3 3 3 AC-23A 660 - 690 3 3 3 Max. Fuse rating IEC Fuse characteristic No. of Fuses Cur gG 1 UL60947-4-1 , UL508 Rated insulation voltage Ui Voltage (V) AC / DC 600 AC Rated thermal current Current (A) Ambient temperature (*C) Additional Text	AC-23A				220 - 240	3		3	2	
AC-23A 660 - 690 3 3 3 Max. Fuse rating IEC Fuse characteristic No. of Fuses Cur gG 1 UL60947-4-1 , UL508 Rated insulation voltage Ui Voltage (V) AC / DC 600 AC Rated thermal current Current (A) Ambient temperature (*C) Additional Text	AC-23A				380 - 440	3		3	3	
Max. Fuse rating IEC Fuse characteristic No. of Fuses Cur gG 1 UL60947-4-1 , UL508 Rated insulation voltage Ui Voltage (V) AC / DC 600 AC Rated thermal current Current (A) Ambient temperature (°C) Additional Text	AC-23A				500 - 500	3		3	4	
Fuse characteristic No. of Fuses Cur gG 1 UL60947-4-1 , UL508 Rated insulation voltage Ui Voltage (V) AC / DC 600 AC Rated thermal current Current (A) Ambient temperature (*C) Additional Text	AC-23A				660 - 690	3		3	3	
gG 1 UL60947-4-1 , UL508 Rated insulation voltage Ui Voltage (V) AC / DC 600 AC Rated thermal current Current (A) Ambient temperature (*C) Additional Text	Max. Fuse ra	ting IEC	;							
Rated insulation voltage Ui Voltage (V) AC / DC 600 AC Rated thermal current Current (A) Ambient temperature (°C) Additional Text	Fuse charact	eristic					No. of Fuses		Current (A	
Rated insulation voltage Ui Voltage (V) AC / DC 600 AC Rated thermal current Current (A) Ambient temperature (*C) Additional Text	gG						1		10	
Voltage (V) AC / DC 600 AC Rated thermal current Current (A) Ambient temperature (°C) Additional Text	UL60947-	-4-1,	UL508							
600 AC Rated thermal current Current (A) Ambient temperature (°C) Additional Text	Rated insulat	tion vol	tage Ui		Voltage	(1/1) 40 (100				
Rated thermal current Current (A) Ambient temperature (*C) Additional Text										
Current (A) Ambient temperature (°C) Additional Text	Rated therma	al curre	nt			, AU				
* * * * * * * * * * * * * * * * * * * *	Mateu tilelilla	arcunc		Current (4)		Amhient temp	erature (°C) Additional Text			
100 0 - 40				, ,		7 indicit temp	, ,			
100 0-40 -				100			0 - 40 —			

- 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.

⁻ When intended for use as a motor disconnector the device shall be provided with a method of being locked in the OFF-position.

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



Rated thermal current	Current (A)	Ambient temperature	(°C) Additional Text	
	100	0	- 40	
GENERAL TECHNICAL INFORMATION				
Fightening torque of screws				
	tightenii	ng torque (Nm)		tightening torque (lb
Rated short-time withstand current lcw		3		
		Time (s)		Current
Size of conductor		1		18
composition of conductor	Min. / Max. value	No. of conductor per terminal	Cross section (mm²) or	Material of the wire
Solid wire	Min.	1	(AWG/kcmil) 2.5mm²	
Flexible wire	Min.	1	4mm ²	Copper Copper
Flexible wire	Max.	1	35mm ²	Copper
Flexible wire	Max.	1	AWG 2	Copper
Single-core or stranded wire	Min.	1	AWG 2 AWG 10	Copper
Single-core or stranded wire	Max.	1	AWG 1/0	Copper
Single-core or stranded wire	Max.	1	50mm ²	Copper
Flexible wire with sleeve	Max.	1	35mm ²	Copper
Flexible wire with ferrule according to DIN 46228	Min.	1	2.5mm²	
riexible wife with ferrule according to DIN 40226	WIIII.	ı	2.5111111-	Copper
Approbations				
Specification				Marking
EAC				EAC
DE marking				<i>CC</i>
CE marking				C€
JK Directives				
IEC 60947-3; EN 60947-3; VDE 0660 Teil107				IEC 60947 EN 60947
IEC 60947-6-1				IEC 60947 EN 60947
UL 60947-4-1; CSA C22.2 No. 60947-4-1				c Usted7787
CSA C.22.2 No.14				⊕ ®
GB/T14048.3				GBIT14048.3
Russian Maritme Register of Shipping				0011(evec)
Power loss per pole	_			
				Power (
Conditions during transport and storing				
Minimum temp		Maximum temperature		
	-40		85 In case of temperatures	s below -5°C no shock load permissib
Shock / Vibration		Veli		
Type of oscillation		Values		
Resistance to vibration		Min. 4g, 2-100Hz, 1,6mm		
Resistance to shock General Information		min. 6g, 6ms		

- Use only copper wires with or without tinned/silver-plated individual wires. Soldering the end of the wire before wiring is not allowed.
- EMC Note: This device is suitable for use in environment A and B.
- 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.





General Information

Toyt

- 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.

Operating temperature	
Min. Temperature [°C]	Max. Temperature [°C]
-5	55