



Sample image

KG105

Type Size: S1

Classification Contact: Rigid contact bridge

ON-OFF switch (Valid when connected with wire rated for 75°C)

Change over switch (Valid when connected with wire rated for 75°C)

Classification Contact Mat: Silver

Classification Terminal: Screw terminal

IEC 6094	7-3 EN 6	0947-3, VD	E 0660 Teil 107					
Rated insula	ntion voltage	e Ui						
				Voltage	(V) AC/DC			
					690 AC			
		d voltage Uimp						
Voltag	ie (kV) Oi	vervoltage categ	gory Pollution	degree Supply s	ystem			Function
	6 III		3	Valid for	lines with grounded com	mon neutral termination		Switch / Switch disconnector
Rated uninte	errupted cui	rrent lu/lth						
Current ((A)	Ambient	temperature (°C)	Peak temperature (°C)	additional requirements			
12	25		50	55	Ambient temperature +	50°C during 24 hours with peal	ks up to +55°C	
Conventiona	al enclosed	thermal current	Ithe .					
Current (A)	Ambient	t temperature (°C)	Peak temperature (°C)	Additional requirements		No. of stages (from - to)	Mounting	Mounting size
125		35	40	Ambient temperature +35 peaks up to +40°C	°C during 24 hours with	-	-	
Rated opera		nt le						
Utilization ca	ategory					Voltage (V)		Current (A
AC-32A						20 - 400		12
AC-20A						690		12
AC-21A						20 - 690		12
AC-22A						220 - 500		129
AC-22A	A* I					660 - 690	_	91
Rated opera Utilization ca		er		Voltage (V)	No. of phases	No	of poles	Power (kW
AC-3	ategory			220 - 240	No. or phases	NO.	3	Power (kw
AC-3				380 - 440	3		3	3
AC-3				500 - 500	3		3	4
AC-3				660 - 690	3		3	22
AC-23A				220 - 240	3		3	2
AC-23A				380 - 440	3		3	4
AC-23A				500 - 500	3		3	5
AC-23A				660 - 690	3		3	3
Max. Fuse ra	ating IEC							
Fuse charac						No. of Fuses		Current (A
gG						1		12
UL60947	-4-1 , UL	.508						
Rated insula	ation voltage	e Ui		Valtana	00 40 / 00		_	
				Voltage	e(V) AC/DC 600 AC			
Rated therm	al current				OUU AC			
nated theili	ar-current		Current (A)		Ambient temp	perature (°C) Additional Text		
			Jun 5.11 (71)		terrip			

- 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.

0 - 40

115

GENERAL TECHNICAL INFORMATION

Tightening torque of screws	
tightening torque (Nm)	tightening torque (lb-in)
3	27

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

Current (A) 2000



Rated short-time withstand current lcw

Composition of conductor Min. / Max. value No. of conductor per terminal (Archanil) Cross section (nmm²) or (Archanil) Material of the wire Min. 1 2.5mm² Copper Flexible wire Max. 1 3.5mm² Copper Flexible wire with sleeve Max. 1 3.5mm² Copper Single-core or stranded wire Max. 1 3.5mm² Copper Flexible wire with sleeve Max. 1 3.5mm² Copper Flexible wire with sleeve Max. 1 3.5mm² Copper Flexible wire with ferrule according to DIN 46228 Min. 1 2.5mm² Copper Flexible wire with ferrule according to DIN 46228 Min. 1 2.5mm² Copper Flexible wire with ferrule according to DIN 46228 Min. 1 2.5mm² Copper Flexible wire with ferrule according to DIN 46228 Min. 1 2.5mm² Copper Flexible wire with ferrule according to DIN 46228 Min. 1 2.5mm² Copper Flexible wire with ferrule according to DIN 46228 Markin EAC LEC 60947-3; EN 60947-3; VDE 0660 Teil107 EC 60947-4-1; CSA C22.2 No. 60947-4-1 GB/T14048.3 Russian Maritme Register of Shipping Power loss per pole	0:		1		200
Solid virue Min. 1 2 Sm² Copper Flexible wire Min. 1 4 mm² Copper Flexible wire Min. 1 5 mm² Copper Flexible wire Min. 1 5 mm² Copper Flexible wire Min. 1 5 mm² Copper Flexible wire with intere Max. 1 3 mm² Copper Flexible wire with intere Max. 1 3 mm² Copper Flexible wire with intere Max. 1 3 mm² Copper Flexible wire with intere Max. 1 3 mm² Copper Flexible wire with intered according to DIN 40228 Min. 1 2 mm² Copper Flexible wire with intered Max. 1 3 mm² Copper Flexible wire with intered Max. 1 3 mm² Copper Flexible wire with intered Max. 1 3 mm² Copper Flexible wire with intered Max. 1 3 mm² Copper Flexible wire with intered Max. 1 3 mm² Copper Flexible wire with intered Max. 1 3 mm² Copper Flexible wire with intered Max. 1 3 mm² Copper Flexible wire with intered Max. 1 3 mm² Copper Flexible wire with intered Max. 1 3 mm² Copper Flexible wire with intered Max. 1 3 mm² Copper Flexible wire with intered Max. 1 3 mm² Copper Flexible wire with intered Max. 1 3 mm² Copper Flexible wire with intered Max. 1 3 mm² Copper Flexible wire with intered Max. 1 3 mm² Copper Flexible wire with intered Max. 1 3 mm² Copper Flexible wire with intered Max. 1 3 mm² Copper Flexible wire with intered Max. 1 3 mm² Copper Flexible with york with or without timed / allower plated individual wire. Soldwing the end of the wire before wiring is not allowed. Flexible with or york with or without timed / allower plated individual wire. Soldwing the end of the wire before wiring is not allowed. Flexible wire york with or without timed / allower plated individual wire. Soldwing th	Size of conductor	Min / May velies	No of our distance to the	Cross section (mm²) or	Material of the code
Replace wine Min.		ıvıın. / Max. value	No. oτ conductor per terminal	(AWG/kcmil)	Material of the wire
Max	Solid wire	Min.	1	2.5mm²	Copper
Seable wine Max	Flexible wire	Min.	1	4mm²	Copper
In a Work Max	Flexible wire	Max.	1	35mm²	Copper
Part Source Sou	Flexible wire	Max.	1	AWG 2	Copper
Max 1 3 3 5 Copper 1 4 2 5 1 2 5	Single-core or stranded wire	Max.	1	AWG 1/0	Copper
Flootile wire with ferrule according to DIN 46228 Min. 1 2.5mm* Copper Approbations Specification	Single-core or stranded wire	Max.	1	50mm²	Copper
Approbabilition Specification ECC Emarking EC Emarking EC Emarking EC 60947-3; EN 60947-3; VDE 0660 Tell107 ECC 60947-3; EN 60947-3; VDE 0660 Tell107 ECC 60947-6-1 ECC 60947-6-1	Flexible wire with sleeve	Max.	1	35mm²	Copper
Specification EAC CE marking CE marking CE Control CE CONTRO CE CONTRO	Flexible wire with ferrule according to DIN 46228	Min.	1	2.5mm²	Copper
Specification Morking Specification Spec	Annrohations			_	
DIX Directives IEC 60947-3; PN 60947-3; VDE 0660 Tell107 IEC 60947-6-1 IEC 609					Marking
UK Directives IEC 60947-3; EN 60947-3; VDE 0660 Teil107 IEC 60947-4-1 IEC 60947-4-1 IEC 60947-4-1 IEC 60947-4-1 IEC 60947-4-1; CSA C22.2 No. 60947-4-1 IEC	EAC				EAC
UK Directives IEC 60947-3; EN 60947-3; VDE 0660 Teil107 IEC 60947-4-1 IEC 60947-4-1 IEC 60947-4-1 IEC 60947-4-1 IEC 60947-4-1; CSA C22.2 No. 60947-4-1 IEC	CE marking				CE
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EC 60947-6-1 EC 60947-4-1 EC 60947-4-1 EC 60947-4	UK Directives				
ELE 0.9947-9-1 UL 60947-9-1; CSA C22.2 No. 60947-9-1 GB/T14048.3 GB	IEC 60947-3; EN 60947-3; VDE 0660 Teil107				IEC 60947- EN 60947-
Russian Maritme Register of Shipping Power loss per pole Conditions during transport and storing Minimum temperature (*C) Maximum temperature temperature (*C) Maximum temperature (*C) Maximum temperature (*C) Maximum temperature (*C) Maximum temperature temperature (*C) Maximum temperature (*C) Maximum temperature (*	IEC 60947-6-1				IEC 60947- EN 60947-
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Russian Maritme Register of Shipping Power loss per pole Conditions during transport and storing Minimum temperature (*C)	GB/T14048.3				GRITIANS 3
Conditions during transport and storing Minimum temperature (*C) Maximum temperature (*C) Maximum temperature (*C) Additional requirements 40 85 In case of temperatures below -5°C no shock load permiss Shock / Vibration Type of oscillation Min. 4g, 2-100Hz, 1,6mm Resistance to shock Resistance to shock Min. 4g, 2-100Hz, 1,6mm Resistance to shock General Information Text - 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 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 On 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.	Russian Maritme Register of Shipping				
Conditions during transport and storing Minimum temperature (*C) 40 85 In case of temperatures below -5*C no shock load permiss Shock / Vibration Type of oscillation Nain. 4g, 2-100Hz, 1,6mm Resistance to vibration Min. 4g, 2-100Hz, 1,6mm Resistance to shock Min. 6g, 6ms General Information Text - 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 al 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.	Power loss per pole	_		_	
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- Switches may only be mounted, connected and set into operation by qualified persons according to the accepted rules of technology.	The protection class of the selected mounting type				
	- Do not lubricate or treat contacts.				
Operating temperature	- Switches may only be mounted, connected and set	into operation by qualified pers	sons according to the accepted rules of tec	hnology.	
Min_Temperature [°∩] May_Temperature	Operating temperature	Min To	mperatura [°C]		Max Temperature [°

Time (s)