



Sample image

General Information

KG125

Type Size: S2

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw terminal

Notage (kV) Overvoltage category Pollution degree Supply system	Function Switch / Switch disconnector to +55°C unting Mounting size Current
Rated impulse withstand voltage (IV) voltage (RV) voltage (ategory Pollution degree Supply system Voltage (IV) voltage (ategory Pollution degree Supply system Valid for lines with grounded common neutral termination Rated uninterrupted current Iu/Ith	Switch / Switch disconnector to +55°C unting Mounting size
Rated uninterrupted current lu/ith Current (A)	Switch / Switch disconnector to +55°C unting Mounting size
Rated uninterrupted current lu/lth Current (A)	Switch / Switch disconnector to +55°C unting Mounting size
Rated uninterrupted current lu/lth Current (A) Ambient temperature (*C) Peak temperature (*C) additional requirements 125 50 55 Ambient temperature +50*C during 24 hours with peaks up to 140*C Current (A) Ambient temperature Peak temperature (*C) Additional requirements No. of stages (from 160) Mo Mo No. of stages (from 160) No. of stages (f	to +55°C unting Mounting size
Current (A)	to +55°C unting Mounting size
125	unting Mounting size
Conventional enclosed thermal current lithe Current (A)	unting Mounting size
Current (A) Ambient temperature (*C) Additional requirements No. of stages (from to to)	-
Ambient temperature (b) Administrature (c) Administrature (c) Ambient temperature (c) Am	-
Rated operational current le Utilization category AC-22A AC-22A AC-22A AC-22A AC-22A AC-22A AC-3 AC	
Utilization category Voltage (V) AC-32A 20 - 400 AC-20A 1000 AC-21A 20 - 690 AC-22A 220 - 500 AC-22A 660 - 690 Rated operational power Utilization category Voltage (V) No. of phases No. of power Utilization category Voltage (V) No. of phases No. of power AC-3 380 - 440 3 40-	Current
AC-32A 20 1000 AC-21A 20 - 690 AC-22A 220 - 500 AC-22A 660 - 690 Rated operational power Utilization category Voltage (V) No. of phases No. of power AC-3 220 - 240 3 AC-3 380 - 440 3 AC-3 500 - 500 3 AC-3 500 - 500 3 AC-3 660 - 690 3 AC-23A 220 - 240 3 AC-23A 220 - 240 3 AC-23A 380 - 440 3 AC-23A 500 - 500 3 AC-2	Current
AC-20A AC-21A AC-22A AC-22A AC-22A AC-22A AC-22A AC-22A AC-23 AC-3 AC-3 AC-3 AC-3 AC-3 AC-3 AC-3 AC-	
AC-21A 20 - 690 AC-22A 220 - 500 AC-22A 660 - 690 Rated operational power Utilization category Voltage (V) No. of phases No. of pox AC-3 380 - 440 3 AC-3 380 - 440 3 AC-3 660 - 690 3 AC-3A 600 - 690 3 AC-23A 220 - 240 3 AC-23A 380 - 440 3 AC-23A 500 - 500 3 AC-23A 600 - 690 3 AC-23A 600 - 690 3 AC-23A 700 - 500 3	
AC-22A 200 660 - 690 Rated operational power Utilization category Voltage (V) No. of phases No. of posts AC-3 380 - 440 3 AC-3 380 - 440 3 AC-3 660 - 690 3 AC-3 660 - 690 3 AC-23A 220 - 240 3 AC-23A 380 - 440 3 AC-23A 500 - 500 3 AC-23A 500 - 500 3 AC-23A 660 - 690 3 AC-23A 600 - 690 3 AC-23A 700 - 500 3 AC-23A 70	
AC-22A 660 - 690 Rated operational power Utilization category Voltage (V) No. of phases No. of potential power AC-3 220 - 240 3 AC-3 380 - 440 3 AC-3 500 - 500 3 AC-3 660 - 690 3 AC-23A 220 - 240 3 AC-23A 380 - 440 3 AC-23A 380 - 440 3 AC-23A 380 - 440 3 AC-23A 500 - 500 3 AC-23A 660 - 690 3 AC-23A 700 - 500 700 700 700 700 700 700 700 700 700	
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AC-3 220 - 240 3 AC-3 380 - 440 3 AC-3 500 - 500 3 AC-3 660 - 690 3 AC-23A 220 - 240 3 AC-23A 380 - 440 3 AC-23A 380 - 440 3 AC-23A 500 - 500 3 AC-23A 500 - 500 3 AC-23A 500 - 500 3 AC-23A 660 - 690 3 AC-23A 70 - 240 3 AC-25A 70	
AC-3 380 - 440 3 AC-3 500 - 500 3 AC-3 660 - 690 3 AC-23A 220 - 240 3 AC-23A 380 - 440 3 AC-23A 500 - 500 3 AC-23A 500 - 500 3 AC-23A 500 - 500 3 AC-23A 660 - 690 3 MAX_FUSE Rating IEC FUSE characteristic No. of Fuses gG	,
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AC-23A 380 - 440 3 AC-23A 500 - 500 3 AC-23A 660 - 690 3 Max Fuse Rating IEC Fuse characteristic No. of Fuses gG 1	3
AC-23A 500 - 500 3 AC-23A 660 - 690 3 Max Fuse Rating IEC Fuse characteristic No. of Fuses gG 1	3
AC-23A 660 - 690 3 Max Fuse Rating IEC Fuse characteristic No. of Fuses gG 1	3
Max Fuse Rating IEC Fuse characteristic No. of Fuses gG 1	3
Fuse characteristic No. of Fuses gG 1	3
gG 1	
	Current
	•
UL60947-4-1 , UL508	
Rated insulation voltage Ui	
Voltage (V) AC / DC 600 AC	
Rated thermal current	
Current (A) Ambient temperature (°C) Additional Text	
125 0 - 40 Change over switch	d when connected with wire rated for 75

⁻ 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.



Rated insulation voltage Ui		Voltage (V) AC / DC		
		600 AC		
Rated thermal current	2 (1)		(2)	
	Current (A) 150	Ambient temperature 0	e (°C) Additional Text	
GENERAL TECHNICAL INFORMATION				
Fightening torque of screws				
	tighter	ning torque (Nm)		tightening torque (l
Rated short-time withstand current lcw		14		_
		Time (s)		Curren
		1		2
Size of conductor			0	
composition of conductor	Min. / Max. value	No. of conductor per terminal	Cross section (mm²) or (AWG/kcmil)	Material of the wire
solid wire	Min.	1	6mm²	Copper
flexible wire	Max.	1	70mm²	Copper
lexible wire	Min.	1	16mm²	Copper
flexible wire	Max.	1	AWG 2/0	Copper
Single-core or stranded wire	Max.	1	95mm²	Copper
Single-core or stranded wire	Max.	1	AWG 3/0	Copper
lexible wire with sleeve flexible wire with ferrule according to DIN 46228	Max. Min.	1	70mm² 10mm²	Copper Copper
ickibic wife with retruit according to birt 40220	141111.	·	1011111	оорры
Approbations				
Specification				Marking
FAC				ERC
CE marking				CE
JK Directives				
EC 60947-3; EN 60947-3; VDE 0660 Teil107				IEC 6094 EN 6094
EC 60947-6-1				IEC 6094
				EN 60947
JL 60947-4-1; CSA C22.2 No. 60947-4-1				CUL US
CSA C.22.2 No.14				(1) ®
GB/T14048.3				GBIT14048.3
Power loss per pole			_	Power
				rowei
Conditions during transport and storing Minimum temp	perature (°C)	Maximum temperature	e (°C) additional requirements	
winiindin tern	-40	iviaximum temperature		below -5°C no shock load permissi
Samuel Information	· ·		IIII or tomporature	2 2 112 2ook load politiloon
General Information Text				

- Switches may only be mounted, connected and set into operation by qualified persons according to the accepted rules of technology
- Use copper wire only. Do not coat the wire end with tin.
- 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.

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