



Sample image

KG10

Type Size: S0

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw terminal

	EN 60947-3, VD	E 0660 Teil 107					
Rated insulation	voltage Ui						
			Voltage (V)				
			690	AC			
	ithstand voltage Uimp						
Voltage (k\	V) Overvoltage categ	gory Pollution (degree Supply syste	em			Function
	4 II	3	Valid for line	es with grounded common neutra	l termination		Switch / Switch disconnector
	oted current lu/lth						
Current (A)	Ambient	temperature (°C)	Peak temperature (°C) a	dditional requirements			
20		50	55 A	mbient temperature +50°C during	24 hours with peal	ks up to +55°C	
	closed thermal curren			No	of stages (from -		
(A)	Ambient temperature (°C)	Peak temperature (°C)	Additional requirements		to)	Mounting	Mounting size
20	35	40	Ambient temperature +35°C of peaks up to +40°C	luring 24 hours with	-		
Rated operation							
Utilization catego	ory			Voltage (V))		Current (A
AC-15				220 - 240)		
AC-15				380 - 440)		
AC-20A				690)		2
AC-21A				20 - 690)		2
AC-22A				220 - 500)		2
AC-22A				660 - 690)		1
Rated operations	al power						
Utilization catego	ory		Voltage (V)	No. of phases	No.	of poles	Power (kW
AC-3			220 - 240	3		3	2,2
AC-3			380 - 440	3		3	3,7
AC-3			500 - 500	3		3	3,7
AC-3			660 - 690	3		3	3,7
AC-3			220 - 240	1		2	1,1
AC-3			380 - 440	1		2	1,5
AC-23A			220 - 240	3		3	
AC-23A			380 - 440	3		3	5,5
AC-23A			500 - 500	3		3	5,5
AC-23A			660 - 690	3		3	5,5
AC-23A			220 - 240	1		2	1,5
AC-23A			380 - 440	1		2	2,2
Max Fuse Rating	IEC						
Fuse characterist					No. of Fuses		Current (A
gG					1		2
UL60947-4-	1 , UL508						
Rated insulation	voltage Ui						
			Voltage (V)	AC/DC			
			300				
Rated thermal cu	urrent						
		Current (A)		Ambient temperature (°C)) Additional Text		



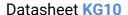
General Information

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

ated insulation voltage Ui		_				
ated insulation voltage of		Voltage (V)	AC/DC			
		300	AC			
ated thermal current						
	Current (A)		Ambient temperature			
	20		0	- 40 —		
ENERAL TECHNICAL INFORMATION						
ightening torque of screws						
	tightenir	ng torque (Nm)			tightening torqu	ue (lb-i
		0,60				
ated short-time withstand current lcw		Time (s)			Cu	urrent (
		1			00	1:
ize of conductor						
omposition of conductor	Min. / Max. value	No.	of conductor per terminal	Cross section (mm²) or (AWG/kcmil)	Material of the wire	
olid wire	Min.		1	0.5mm ²	Copper	
olid wire	Min.		2	0.5mm²	Copper	
exible wire	Min.		1	0.75mm²	Copper	
exible wire	Min.		2	0.75mm²	Copper	
exible wire	Max.		1	AWG 12	Copper	
exible wire	Max.		1	2.5mm²	Copper	
ingle-core or stranded wire ingle-core or stranded wire	Max.		1	AWG 12 2.5mm²	Copper	
exible wire with ferrule according to DIN 46228	Max.		1	2.5mm²	Copper Copper	
exible wire with ferrule according to DIN 46228	Min.		1	0.5mm²	Copper	
exible wire with ferrule according to DIN 46228	Min.		2	0.5mm²	Copper	
pprobations pecification						rking
AC					EF	HL
E marking					C	ϵ
K Directives						
C 60947-3; EN 60947-3; VDE 0660 Teil107					IEC 60 EN 60	
L 60947-4-1; CSA C22.2 No. 60947-4-1					LISTE	Us ED77B7
SA C.22.2 No.14					•	P ®
B/T14048.3					GBITT	14048.3
ower loss per pole					Po	ower (V
						0,
that do not have a second or the second or t						
onditions during transport and storing Minimum temp	perature (°C)		Maximum temperature	(°C) additional requirements		

- 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.





General Information

Text

- 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.
- 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]

55