



Sample image

KG10

Type Size: S0

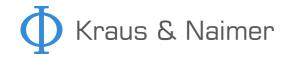
Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw terminal

| ated insulation volta | JC 01 | | \/-!* | (1) 40 / 00 | | | |
|----------------------------|-------------------|-----------------------|--------------------------------------------|------------------------------------|-------------------|----------------|---------------|
| | | | Voltage | (V) AC/DC 590 AC | | | |
| ated impulse withsta | nd voltage Uimp | | | 7,0 | | | |
| Voltage (kV) | Overvoltage categ | ory Pollution | degree Supply sy | ystem | | | Function |
| 4 I | | 3 | Valid for | lines with grounded common neutral | termination | | switch |
| ated uninterrupted co | | | | | | | |
| Current (A) | Ambient t | emperature (°C) | Peak temperature (°C) | additional requirements | | | |
| 20 onventional enclosed | thormal aurrent | 50 | 55 | Ambient temperature +50°C during | 24 hours with pea | ks up to +55°C | |
| | nt temperature | | A 1 P | No. | of stages (from - | | |
| (A) | (°C) | Peak temperature (°C) | Additional requirements | | to) | Mounting | Mounting size |
| 20 | 35 | 40 | Ambient temperature +35° peaks up to +40°C | C during 24 hours with | - | | |
| ated operational curr | ent le | | | V 1. 00 | | | |
| ilization category | | | | Voltage (V) | | | Current |
| C-15 C-15 | | | | 220 - 240 380 - 440 | | | |
| C-20A | | | | 690 | | | |
| C-21A | | | | 20 - 690 | | | |
| C-22A | | | | 220 - 500 | | | |
| C-22A | | | | 660 - 690 | | | |
| ated operational pow | er | | | 000 000 | | | |
| ilization category | | | Voltage (V) | No. of phases | No. | of poles | Power (I |
| 0-3 | | | 220 - 240 | 3 | | 3 | 2 |
| D-3 | | | 380 - 440 | 3 | | 3 | 3 |
| 0-3 | | | 500 - 500 | 3 | | 3 | 3 |
| 0-3 | | | 660 - 690 | 3 | | 3 | 3 |
| C-3 | | | 220 - 240 | 1 | | 2 | 1 |
| C-3 | | | 380 - 440 | 1 | | 2 | 1 |
| C-23A | | | 220 - 240 | 3 | | 3 | |
| C-23A | | | 380 - 440 | 3 | | 3 | 5 |
| C-23A | | | 500 - 500 | 3 | | 3 | |
| C-23A | | | 660 - 690 | 3 | | 3 | ţ |
| C-23A | | | 220 - 240 | 1 | | 2 | 1 |
| C-23A | | | 380 - 440 | 1 | | 2 | 2 |
| ax Fuse Rating IEC | | | | | No. of Fuses | | Current |
| 3 | and dotter Stro | | | ı | 1 | | Current |
| | | | | | <u>'</u> | | |
| L60947-4-1 , U | L508 | | | | | | |
| ated insulation volta | ge Ui | | Valtara | //\) 40 / DC | | | |
| | | | Voltage | (V) AC/DC 300 AC | | | |
| ated thermal current | | | | | | | |
| | | Current (A) | | Ambient temperature (°C) | Additional Tex | 1 | |
| | | 20 | | 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.



Text - When intended for use as a motor disconnector the device shall be provided with a method of being locked in the OFF-position. Voltage (V) AC/DC 300 AC Current (A) Ambient temperature (°C) Additional Text 20 0 - 40 GENERAL TECHNICAL INFORMATION Tightening torque of screws tightening torque (Nm) tightening torque (lb-in) 0.60 5 Rated short-time withstand current Icw Time (s) Current (A) 130 Size of conductor Cross section (mm²) or (AWG/kcmil) composition of conductor Min. / Max. value No. of conductor per terminal Material of the wire solid wire Min 0.5mm² Copper solid wire Min 0.5mm² Copper flexible wire Min. 0.75mm² Copper flexible wire Min 0.75mm² Copper flexible wire AWG 12 Copper flexible wire Max 2.5mm² Copper 1 Single-core or stranded wire Max AWG 12 Copper Single-core or stranded wire Max 2.5mm² Copper flexible wire with ferrule according to DIN 46228 Max 2.5mm² Copper flexible wire with ferrule according to DIN 46228 Min. 0.5mm² Copper flexible wire with ferrule according to DIN 46228 Min 2 0.5mm² Copper Approbations Marking Specification EHC EAC CE marking **UK Directives** IEC 60947-3 IEC 60947-3; EN 60947-3; VDE 0660 Teil107 EN 60947-3 UL 60947-4-1; CSA C22.2 No. 60947-4-1 CSA C.22.2 No.14 (W) GB/T14048.3 Power loss per pole Power (W) 0,90 Conditions during transport and storing Minimum temperature (°C) Maximum temperature (°C) additional requirements In case of temperatures below -5°C no shock load permissible General Information Text

- 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.
- 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.





General Information

Text

- 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