



Sample image

Datasheet

Article number: 70008689

Designation: KG10.T106/33.KS51V

Description: Switchgear

| Voltage (V) AC / DC | IEC 60947-3 EN 6094 | 7-3, VDE 0660 Teil | 107 | | | | | |
|--|------------------------------|----------------------------|---------------------------------|------------------------|-------------------|-------------------|------------------------|---------------------------|
| ### Care and uninterrupted current lurith Current (A) | Rated insulation voltage Ui | | | | | | | |
| State | | | | | OC . | | | |
| Ambient temperature (°C) Peak temperature (°C) 3 definional requirements SC SC Ambient temperature + SC Cutring 24 hours with peaks up 10 + SC Cut | Rated uninterrupted current | lu/lth | | 090 AC | | | | |
| ### Space Sp | | | (°C) Peak tempera | ture (°C) additional r | eauirements | | | |
| Unitazion category | | , | | | | during 24 hours v | vith peaks up to +55°C | |
| AC15 S 200 240 | Rated operational current le | | | | • | | | |
| Marcia operational power | Utilization category | | | | Vo | oltage (V) | | Current (A) |
| Rated operational power | AC-15 | | | | 2 | 220 - 240 | | 6 |
| Williazer Williage (V) | AC-15 | | | | 3 | 380 - 440 | | 4 |
| AC3 | | | | | | | | |
| AC3 | | | | ı | • | | • | |
| AC3 660 -690 3 3 3 3,77 AC3 20 -240 1 1 2 2 1,15 AC23 380 -440 1 2 2 1,5 AC23A 380 -440 3 3 3 3 5,5 AC23A 660 -690 3 3 3 3 5,5 AC23A 660 -690 3 3 3 3 5,5 AC23A 680 -440 1 2 2 1,5 AC23A 380 -440 1 2 2 1,5 AC30A 380 -440 1 2 2 1,5 AC40A 540 -4 1, ULSOB AC40A 540 -4 1, ULSOB 540 - | AC-3 | | | | | | | 2,20 |
| AC3 | | | | | | | | |
| AC23A 380 -440 1 2 2 1,5K AC23A 380 -440 3 3 3 3 5,5K AC23A 380 -440 1 2 2 1,5K AC23A 380 -440 1 2 2 2,2K AC23A 380 -440 1 | | | | | | | | |
| AC23A | | | | | • | | | |
| AC-23A 380 - 440 3 3 5,56 AC-23A 200 - 240 1 2 2 1,56 AC-23A 380 - 440 1 2 2 2,24 AC-23A 380 - 440 1 2 2 2 2 AC-23A 380 - 440 1 2 2 2 2 AC-23A 380 - 440 1 2 2 2 2 AC-23A 380 - 440 1 2 2 2 2 AC-23A 380 - 440 1 2 2 2 AC-23A 380 - 440 2 AC-23A 380 - 440 2 AC-23A 380 - 440 2 AC-24A 380 - 4 | | | | | | | | |
| AC-23A 660 - 690 3 3 3 5,56 AC-23A 20 - 240 1 1 2 2 1,55 AC-23A 380 - 440 1 2 2 2,24 AC-23A 380 - 440 1 2 2 2,24 AC-23A 380 - 440 1 2 2 2,24 AC-23A | | | | | | | | 3 |
| AC-23A 20 - 240 1 2 1,54 2,625 2,225 2 | | | | | | | | |
| AC-23A 380 - 440 1 2 2.24 | | | | | | | | |
| Max Fuse Rating IEC | | | | | | | | |
| Fuse characteristic No. of Fuses Current (A) G | | | 380 - 440 | | | | | 2,20 |
| Section Sect | | | | | | No of E | 1000 | Current (A) |
| Voltage (V) AC / DC 300 AC AC AC AC AC AC AC | | | | | | NO. OI FL | | |
| Notinal Voltage Voltage (V) AC / DC 300 AC AC AC AC AC AC AC | | | | | | | ı | 20 |
| Voltage (V) AC DC 300 AC Rated insulation voltage Ui | | } | | | | | | |
| State Stat | Nominal Voltage | | | | | | | |
| Notage (V) AC / DC Substitution Notage (V) Notage | | | | | OC . | | | |
| Voltage (V) AC / DC 300 AC | | | | 300 AC | | | | |
| State Stat | Rated insulation voltage Ui | | | | | | | |
| Rated thermal current Current (A) Ambient temperature (*C) Additional Text Current (A) Current (B) C | | | | | OC . | | | |
| Current (A) Ambient temperature (*C) Additional Text 20 | | | | 300 AC | | | | |
| Page | Rated thermal current | | | | | . (22) | | |
| No. of phases No. of poles Power (HP) Ambient temperature [**C Power (HP) Power (HP) Ambient temperature [**C Power (HP) Power (HP) Ambient temperature [**C Power (HP) Power (HP) Power (HP) Ambient temperature [**C Power (HP) Power (HP) Power (HP) Ambient temperature [**C Power (HP) Power (HP) Power (HP) Ambient temperature [**C Power (HP) Power (HP) Power (HP) Ambient temperature [**C Power (HP) Power (HP) Power (HP) Ambient temperature [**C Power (HP) Power (HP) Power (HP) Ambient temperature [**C Power (HP) Power (HP) Power (HP) Ambient temperature [**C Power (HP) | | | | | Ambient tempera | | nai i ext | |
| Across-the-Line Motor Starting | | | 20 | | | 0 - 40 | | |
| DOL | | - | | 1/-/ (1/) | No of the con- | N | D(UD) | A b [00] |
| DOL 220 - 240 1 2 1 40 40 40 40 40 40 40 | | g | | | • | • | , , | |
| DOL 277 - 277 1 2 1 40 | | | | | | | 0,50 | |
| DOL 110 - 120 3 3 3 1 1 40 DOL 220 - 240 3 3 3 2 2 40 Pilot duty rating code Duty Code A300 SCCR / Max. fuse rating Conditions of acceptability These devices are suitable for use on circuits capable of delivering not more than 5kA rms symmetrical amperes, 300V ac max. when protected by Class J fuses. Temp. rating of wire Temperature rating (*C) Current (A) Text 60 - 75 - Use copper wire only Connecting instructions Markings Break all lines. For use on a flat surface of a type 1 enclosure. General Use AC / DC Voltage (V) Current (A) No. of phases No. of poles No. of contacts in series AC 277 20 1 1 1 1 | | | | | | | 1 | |
| DOL 220 - 240 3 3 2 40 40 40 40 40 40 40 | | | | | | | | |
| Pilot duty rating code Duty Code A300 SCCR / Max. fuse rating Conditions of acceptability These devices are suitable for use on circuits capable of delivering not more than 5kA rms symmetrical amperes, 300V ac max. when protected by Class J fuses. Temp. rating of wire Temperature rating (*C) 60 - 75 Current (A) Text 60 - 75 Use copper wire only Connecting instructions Markings Break all lines. For use on a flat surface of a type 1 enclosure. General Use AC / DC Voltage (V) Current (A) No. of phases No. of poles No. of contacts in series AC 277 20 1 1 1 | | | | | | | | |
| Duty Code A300 SCCR / Max. fuse rating Conditions of acceptability These devices are suitable for use on circuits capable of delivering not more than 5kA rms symmetrical amperes, 300V ac max. when protected by Class J fuses. Temp. rating of wire Temperature rating (*C) 60 - 75 Current (A) Text 60 - 75 Use copper wire only Connecting instructions Markings Break all lines. For use on a flat surface of a type 1 enclosure. General Use AC / DC Voltage (V) Current (A) No. of phases No. of poles No. of contacts in series AC 277 20 1 1 1 | | | | 220 - 240 | <u>ა</u> | <u> </u> | | 40 |
| ASÓO SCCR / Max. fuse rating Conditions of acceptability These devices are suitable for use on circuits capable of delivering not more than 5kA rms symmetrical amperes, 300V ac max. when protected by Class J fuses. Temp. rating of wire Temperature rating (°C) 60 - 75 Current (A) Text - Use copper wire only Connecting instructions Markings Break all lines. For use on a flat surface of a type 1 enclosure. General Use AC / DC Voltage (V) Current (A) No. of phases No. of poles No. of contacts in series AC 277 20 1 1 1 1 | | | | | | | | |
| SCCR / Max. fuse rating Conditions of acceptability These devices are suitable for use on circuits capable of delivering not more than 5kA rms symmetrical amperes, 300V ac max. when protected by Class J fuses. Temp. rating of wire Temperature rating (°C) 60 - 75 Current (A) 1 | | | | | | | | |
| Conditions of acceptability These devices are suitable for use on circuits capable of delivering not more than 5kA rms symmetrical amperes, 300V ac max. when protected by Class J fuses. Temp. rating of wire Temperature rating (°C) 60 - 75 Current (A) Text 60 - 75 Use copper wire only Connecting instructions Markings Break all lines. For use on a flat surface of a type 1 enclosure. General Use AC / DC Voltage (V) Current (A) No. of phases No. of poles No. of contacts in series AC 277 20 1 1 1 | | | | | | | | |
| These devices are suitable for use on circuits capable of delivering not more than 5kA rms symmetrical amperes, 300V ac max. when protected by Class J fuses. Temp. rating of wire Temperature rating (°C) 60 - 75 Use copper wire only Connecting instructions Markings Break all lines. For use on a flat surface of a type 1 enclosure. General Use AC / DC Voltage (V) Current (A) No. of phases No. of poles No. of contacts in series AC 277 20 1 1 1 | | | | | | | | |
| Temperature rating (°C) | | or use on circuits canable | of delivering not more than 5k4 | rms symmetrical an | nperes, 300V ac m | nax, when protect | ed by Class J fuses | |
| Temperature rating (°C) Current (A) Text | | o on on outlo oupuble | | o o,ilcuioui uii | 5.00, 000 1 40 11 | mich protect | | |
| 60 - 75 | pug or mile | Temperature | e rating (°C) | | Cı | urrent (A) Text | | |
| Connecting instructions Markings Break all lines. For use on a flat surface of a type 1 enclosure. General Use AC / DC Voltage (V) Current (A) No. of phases No. of poles No. of contacts in series AC 277 20 1 1 1 1 | | poruture | | | | | pper wire only | |
| Markings Break all lines. For use on a flat surface of a type 1 enclosure. General Use AC / DC Voltage (V) Current (A) No. of phases No. of poles No. of contacts in series AC 277 20 1 1 | Connecting instructions | | | | | | | |
| Break all lines. For use on a flat surface of a type 1 enclosure. General Use AC / DC Voltage (V) Current (A) No. of phases No. of poles No. of contacts in series AC 277 20 1 1 1 | Markings | | | | | | | |
| General Use AC / DC Voltage (V) Current (A) No. of phases No. of poles No. of contacts in series AC 277 20 1 1 1 1 | Break all lines. | | | | | | | |
| General Use AC / DC Voltage (V) Current (A) No. of phases No. of poles No. of contacts in series AC 277 20 1 1 1 1 | | type 1 enclosure. | | | | | | |
| AC / DC Voltage (V) Current (A) No. of phases No. of poles No. of contacts in series AC 277 20 1 1 | General Use | | | | | | | |
| AC 277 20 1 1 1 | | ge (V) Current (A) | No. of phases | No. of pol | es | | | No. of contacts in series |
| AC 300 20 1 2 | AC | | | | | | | 1 |
| | AC | 300 20 | 1 | | 2 | | | 1 |



| | Voltage (V) | Current (A) | | No. of phases | No. of pole | | | | No. | of contacts in seri |
|---|---|-------------|---------------|---------------|------------------------------|---------------------|--|-----------------------|----------------------|---------------------|
| C eneral Information | 300 | 20 | | 3 | | 3 | | | | |
| ext | | | | | | | | | | |
| The operating handle o be used should ha | | | | | motor controllers shou | ıld be provided fro | om the manufacti | urer, or the operatir | ng handle and positi | on indicating mea |
| | | • | | | method of being locke | ed in the OFF-posit | tion. | | | |
| SA | | | | | - | | | | | |
| Iominal Voltage | | | | | 60' | _ | | | | |
| | | | | | Voltage (V) AC / I 300 AC | OC . | | | | |
| Rated insulation volta | ge Ui | | | | 300 A0 | | | | | |
| | | | | | Voltage (V) AC / L | OC . | | | | |
| tated thermal current | | | | | 300 AC | | | | | |
| | | | Current (A |) | | Ambient tempera | ture (°C) Additio | nal Text | | |
| | | | 2 |) | | | 0 - 40 | | | |
| Horsepower rating Across-the-Line Motor | Starting | | | | Voltage (V) | No. of phases | No. of poles | Power (HP) | Amb | ient temperature [|
| OOL | - · · · · · · · · · · · · · · · · · · · | | | | 110 - 120 | 1 | 2 | 0,50 | | • |
| OOL | | | | | 220 - 240 | 1 | 2 | 1 | | |
| OOL OOL | | | | | 277 - 277 110 - 120 | 1 3 | 2 | 1 | | |
| OOL | | | | | 220 - 240 | 3 | 3 | 2 | | |
| Pilot duty rating code | | | | | | | | | | |
| Outy Code A300 | | | | | | | | | | |
| emp. rating of wire | | | | | | | | | | |
| | | Temperatu | re rating (°C | | | Cu | ırrent (A) Text | | | |
| ieneral Use | | | 7 | 0 | | | | | | |
| AC / DC | Voltage (V) | Current (A) | | No. of phases | No. of pole | es | | | No. | of contacts in seri |
| IC IC | 277 | 20 | | 1 | | 1 | | | | |
| | 277 | 20 | | 3 | | 3 | | | | |
| SENERAL TECHNICATE OF CONTROL OF | NICAL INFOR | RMATION | | | | | | | | |
| | | | | | | | Cross section | n (mm²) or | | |
| composition of conduc | etor | | Min. / Ma. | k. value | No. of co | nductor per termir | | ` ′ | Material of the | wire |
| olid wire olid wire | | | Min. Min. | | | | 1 0.5mm ² 2 0.5mm ² | | Copper Copper | |
| lexible wire | | | Min. | | | | 1 0.75mm² | | Copper | |
| lexible wire | | | Min. | | | | 2 0.75mm ² | | Copper | |
| lexible wire lexible wire | | | Max. Max. | | | | 1 AWG 12 1 2.5mm ² | | Copper Copper | |
| Single-core or strande | d wire | | Max. | | | | 1 AWG 12 | | Copper | |
| Single-core or stranded | d wire | | Max. | | | | 1 2.5mm ² | | Copper | |
| lexible wire with ferru | | | Max. | | | | 1 2.5mm² | | Copper | |
| lexible wire with ferrul lexible wire with ferrul | | | Min. Min. | | | | 1 0.5mm ² 2 0.5mm ² | | Copper Copper | |
| Stripping length | | | | | | | | | | |
| | | | | | Length (mm) | | | | | |
| | | | | | 8 | | | | | |
| tecommended screw | driver | | | | 0 | | | | | |
| ype of screw driver | | | | | Value | | | | | |
| Cross Screwdriver Blot screwdriver accor | ding to DIN 5264 | | | | PH1 0,8x4 | | | | | |
| rightening torque of s | | | | | 0,8X4 | | | | | |
| | | | | tightenii | ng torque (Nm) | | | | tig | htening torque (lb- |
| approbations | | | | | 0,60 | | | | | |
| Specification | | | | | | | | | | Marki |
| | | | | | | | | | | rr |
| AC | | | | | | | | | | EF |
| | | | | | | | | | | |
| E marking | | | | | | | | | | C |
| ug | | | | | | | | | | |
| IK Directives | | | | | | | | | | ב |
| JK Directives | | | | | | | | | | |
| | | | | | | | | | | (|
| CA C 22 2 No 14 | | | | | | | | | | • |
| SSA C.22.2 No.14 General Information | | | | | | | | | | |



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.

Waste Electrical & Electronic Equipment (WEEE)

Picture name Z

Description

Do not throw in the trash as care must be taken to ensure environmentally sound disposal and recycling. Please either use an environmentally friendly waste disposal company; return to the supplier for disposal; or return direct to the manufacturer, Kraus & Naimer. You can find local Kraus & Naimer offices at www.krausnaimer.com

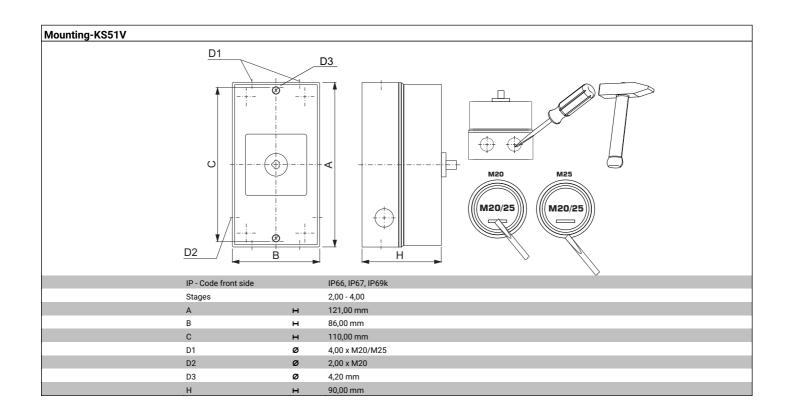
Proposition 65

WARNING: This product can expose you to chemicals including nickel and lead, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Classification Contact: Rigid contact bridge

Classification Contact Mat: Silver

Classification Terminal: Screw terminal





Wiring diagram KG10.T306.KS51V

| 1L1 | 1L2 | 1L3 | 2L1 | 2L2 | 2L3 |
|---------------------------------------|---------------------------------------|---------------------------------------|----------------|---------------|-------------|
| \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | \\ \ 2T1 | \ \ 2T2 | \ \ \ |
| 111 | 112 | 113 | 211 | 212 | 2T3 |



Face plate s1.F656/C10.V9

