



Sample image

Datasheet

Article number: 70011881

Designation: KG20B.T106/D-A046.KL11V

Description: Switch

| | VDE 0660 Teil 107 | | | | | | |
|---|--|--|---|--|---|---|-----------------------|
| Rated insulation voltage Ui | | | | | | | |
| | | | Voltage (V) AC / D | С | | | |
| Rated uninterrupted current lu/lth | | | 690 AC | | | | |
| | mbient temperature (°C) | Peak temperatur | e (°C) additional re | auirements | | | |
| 25 | 50 | r cak temperatur | | | during 24 hours v | vith peaks up to +55°C | |
| Rated operational current le | | | oo / mibioni ton | porataro : oo o : | adming 2 · · · · odi o · | nui pouno up to 100 0 | |
| Utilization category | | | | Vo | Itage (V) | | Current (|
| AC-32A | | | | | 20 - 400 | | |
| Rated operational power | | | | | | | |
| Utilization category | | Voltage (V) | N | o. of phases | | No. of poles | Power (k |
| AC-3 | | 220 - 240 | | 3 | | 3 | |
| AC-3 | | 380 - 440 | | 3 | | 3 | 5, |
| AC-3 | | 660 - 690 | | 3 | | 3 | 5, |
| AC-23A | | 220 - 240 | | 3 | | 3 | 5, |
| AC-23A | | 380 - 440 | | 3 | | 3 | 7, |
| AC-23A | | 660 - 690 | | 3 | | 3 | 7, |
| Max Fuse Rating IEC | | | | | M75 | | O |
| Fuse characteristic | | | | | No. of Fu | ises 1 | Current (|
| gG | | | | | | <u> </u> | ; |
| UL60947-4-1 , UL508 | | | | | | | |
| Nominal Voltage | | | | | | | |
| | | | Voltage (V) AC / D | С | | | |
| | | | 600 AC | | | | |
| Rated insulation voltage Ui | | | | | | | |
| rtatea modiation voltage of | | | V-4 (1) 40 /D | 0 | | | |
| rated modulation voltage of | | | Voltage (V) AC / D | С | | | |
| • | | | Voltage (V) AC / D 600 AC | С | | | |
| Rated thermal current | Current (A | | 600 AC | | tura (°C) Addition | inal Tayt | |
| • | Current (A | (A) | 600 AC | C Ambient tempera | | nal Text | |
| Rated thermal current | Current (A 2 | (A) | 600 AC | | ture (°C) Additio | nal Text | |
| Rated thermal current Horsepower rating | | (A) | 600 AC | | | nal Text Power (HP) | Ambient temperature [|
| Rated thermal current Horsepower rating Across-the-Line Motor Starting | | (A) | 600 AC | Ambient tempera | 0 - 40 | | |
| Rated thermal current Horsepower rating Across-the-Line Motor Starting DOL | | (A) | 600 AC Voltage (V) | Ambient tempera | 0 - 40 No. of poles | Power (HP) | |
| Rated thermal current Horsepower rating Across-the-Line Motor Starting DOL DOL | | (A) | Voltage (V) 110 - 120 | Ambient tempera No. of phases 1 | 0 - 40 - No. of poles 2 | Power (HP) | |
| Horsepower rating Across-the-Line Motor Starting DOL DOL | | (A) | Voltage (V) 110 - 120 220 - 240 | Ambient tempera No. of phases 1 | 0 - 40 No. of poles 2 2 | Power (HP) 1 3 | |
| Horsepower rating Across-the-Line Motor Starting DOL DOL DOL DOL DOL DOL | | (A) | Voltage (V) 110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 | Ambient tempera No. of phases 1 1 1 1 | 0-40 No. of poles 2 2 2 2 2 2 | Power (HP) 1 3 3 5 5 | |
| Rated thermal current Horsepower rating Across-the-Line Motor Starting DOL DOL DOL DOL DOL DOL DOL DOL DOL | | (A) | Voltage (V) 110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 | Ambient tempera No. of phases 1 1 1 1 1 | 0-40 No. of poles 2 2 2 2 2 2 2 2 2 | Power (HP) 1 3 3 5 5 5 | |
| Horsepower rating Across-the-Line Motor Starting DOL | | (A) | Voltage (V) 110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 | Ambient tempera No. of phases 1 1 1 1 1 3 | 0-40 No. of poles 2 2 2 2 2 2 2 3 | Power (HP) 1 3 3 5 5 5 2 | |
| Horsepower rating Across-the-Line Motor Starting DOL | | (A) | Voltage (V) 110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 200 - 240 | Ambient tempera No. of phases 1 1 1 1 1 3 3 | 0-40 - No. of poles 2 2 2 2 2 2 3 3 | Power (HP) 1 3 3 5 5 5 2 7,50 | |
| Rated thermal current Horsepower rating Across-the-Line Motor Starting DOL | | (A) | Voltage (V) 110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 200 - 240 415 - 415 | No. of phases 1 1 1 1 3 3 3 | 0-40 No. of poles 2 2 2 2 2 2 3 3 3 3 | Power (HP) 1 3 3 5 5 5 7,50 10 | |
| Horsepower rating Across-the-Line Motor Starting DOL | | (A) | Voltage (V) 110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 200 - 240 415 - 415 440 - 480 | No. of phases 1 1 1 1 1 3 3 3 3 3 | 0-40 No. of poles 2 2 2 2 2 2 3 3 3 3 3 | Power (HP) 1 3 3 5 5 5 2 7,50 10 15 | |
| Rated thermal current Horsepower rating Across-the-Line Motor Starting DOL | | (A) | Voltage (V) 110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 200 - 240 415 - 415 | No. of phases 1 1 1 1 3 3 3 | 0-40 No. of poles 2 2 2 2 2 2 3 3 3 3 | Power (HP) 1 3 3 5 5 5 7,50 10 | |
| Horsepower rating Across-the-Line Motor Starting DOL | | (A) | Voltage (V) 110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 200 - 240 415 - 415 440 - 480 | No. of phases 1 1 1 1 1 3 3 3 3 3 | 0-40 No. of poles 2 2 2 2 2 2 3 3 3 3 3 | Power (HP) 1 3 3 5 5 5 2 7,50 10 15 | |
| Horsepower rating Across-the-Line Motor Starting DOL | | (A) | Voltage (V) 110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 200 - 240 415 - 415 440 - 480 | No. of phases 1 1 1 1 1 3 3 3 3 3 | 0-40 No. of poles 2 2 2 2 2 2 3 3 3 3 3 | Power (HP) 1 3 3 5 5 5 2 7,50 10 15 | |
| Horsepower rating Across-the-Line Motor Starting DOL | | (A) | Voltage (V) 110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 200 - 240 415 - 415 440 - 480 | No. of phases 1 1 1 1 1 3 3 3 3 3 | 0-40 No. of poles 2 2 2 2 2 2 3 3 3 3 3 | Power (HP) 1 3 3 5 5 5 2 7,50 10 15 | |
| Rated thermal current Horsepower rating Across-the-Line Motor Starting DOL | | (A) | Voltage (V) 110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 200 - 240 415 - 415 440 - 480 | No. of phases 1 1 1 1 1 3 3 3 3 3 | 0-40 No. of poles 2 2 2 2 2 2 3 3 3 3 3 | Power (HP) 1 3 3 5 5 5 2 7,50 10 15 | |
| Horsepower rating Across-the-Line Motor Starting DOL | 2 | 5 | Voltage (V) 110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 200 - 240 415 - 415 440 - 480 550 - 600 | No. of phases No. of phases 1 1 1 1 3 3 3 3 | No. of poles 2 2 2 2 2 3 3 3 3 3 3 | Power (HP) 1 3 3 5 5 5 2 7,50 10 15 20 | |
| Rated thermal current Horsepower rating Across-the-Line Motor Starting DOL | ircuits capable of delivering no | ot more than 10kA rms s | Voltage (V) 110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 200 - 240 415 - 415 440 - 480 550 - 600 | No. of phases 1 1 1 1 3 3 3 3 3 3 es, 600V ac max. | No. of poles 2 2 2 2 2 2 3 3 3 3 3 when protected | Power (HP) 1 3 3 5 5 5 2 7,50 10 15 20 | |
| Horsepower rating Across-the-Line Motor Starting DOL | ircuits capable of delivering no | ot more than 10kA rms s | Voltage (V) 110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 200 - 240 415 - 415 440 - 480 550 - 600 | No. of phases 1 1 1 1 3 3 3 3 3 3 es, 600V ac max. | No. of poles 2 2 2 2 2 2 3 3 3 3 3 when protected | Power (HP) 1 3 3 5 5 5 2 7,50 10 15 20 | |
| Horsepower rating Across-the-Line Motor Starting DOL | ircuits capable of delivering not | ot more than 10kA rms s | Voltage (V) 110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 200 - 240 415 - 415 440 - 480 550 - 600 | No. of phases 1 1 1 1 3 3 3 3 3 3 es, 600V ac max., when protect | No. of poles 2 2 2 2 2 2 3 3 3 3 3 3 when protected | Power (HP) 1 3 3 5 5 5 2 7,50 10 15 20 | |
| Horsepower rating Across-the-Line Motor Starting DOL | ircuits capable of delivering no | ot more than 10kA rms s 65000 rms symmetrical | Voltage (V) 110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 200 - 240 415 - 415 440 - 480 550 - 600 | No. of phases 1 1 1 1 3 3 3 3 3 3 es, 600V ac max., when protect | No. of poles 2 2 2 2 2 2 3 3 3 3 3 when protected | Power (HP) 1 3 3 5 5 5 2 7,50 10 15 20 | |
| Horsepower rating Across-the-Line Motor Starting DOL | ircuits capable of delivering not le of delivering not more than to the company of the company o | ot more than 10kA rms s 65000 rms symmetrical | Voltage (V) 110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 200 - 240 415 - 415 440 - 480 550 - 600 | No. of phases 1 1 1 1 3 3 3 3 3 3 es, 600V ac max., when protect | No. of poles 2 2 2 2 2 2 3 3 3 3 3 3 when protected ted by 40A Class | Power (HP) 1 3 3 5 5 5 2 7,50 10 15 20 | |
| Horsepower rating Across-the-Line Motor Starting DOL | ircuits capable of delivering note of delivering note of delivering not more than 6 | ot more than 10kA rms s 65000 rms symmetrical | Voltage (V) 110 - 120 220 - 240 277 - 277 415 - 415 440 - 480 550 - 600 110 - 120 200 - 240 415 - 415 440 - 480 550 - 600 | No. of phases 1 1 1 1 3 3 3 3 3 3 Ces, 600V ac max., when protect | No. of poles 2 2 2 2 2 2 3 3 3 3 3 3 when protected ted by 40A Class | Power (HP) 1 3 3 5 5 5 2 7,50 10 15 20 | Ambient temperature [|



| AC / DC | | | | | | | | |
|--|--------------------|------------------------|--|------------------------|-------------------|--------------------|------------------------|------------------------------------|
| | Voltage (V) | Current (A) | No. of phases | No. of poles | | | | No. of contacts in s |
| AC AC | 600 600 | 25 | 1 3 | 2 | | | | |
| General Information | | 25 | აა | 3 | 3 | | | |
| ext | <u>'</u> | | | | | | | |
| The operating hand to be used should h | have been previous | sly evaluated in combi | sed with these manual mot nation with the manual moto shall be provided with a met | or controllers. | · | | irer, or the operating | g handle and position indicating m |
| CSA | | | | | | | | |
| Nominal Voltage | | | | | | | | |
| ivonina voltage | | | | Voltage (V) AC / DC | 2 | | | |
| | | | | 600 AC | | | | |
| Rated insulation vol | ltage Ui | | | | | | | |
| | | | | Voltage (V) AC / DO | | | | |
| Rated thermal curre | | | | 600 AC | | | | |
| kated thermal curre | ent | Currei | ot (A) | | Ambient tempera | ture (°C) Addition | nal Text | |
| | | Guirei | 25 | , | unbient tempera | 0 - 40 | nar rext | |
| Horsepower rating | | | | | | - | | |
| Across-the-Line Moto | or Starting | | | Voltage (V) | No. of phases | No. of poles | Power (HP) | Ambient temperature |
| DOL | | | | 110 - 120 | 1 | 2 | 1 | |
| DOL | | | | 220 - 240 | 1 | 2 | 3 | |
| DOL | | | | 277 - 277 | 1 | 2 | 3 | |
| DOL | | | | 415 - 415 | 1 | 2 | 5 | |
| DOL DOL | | | | 440 - 480 550 - 600 | 1 | 2 2 | 5 5 | |
| DOL | | | | 110 - 120 | 3 | 3 | 2 | |
| DOL | | | | 220 - 240 | 3 | 3 | 7,50 | |
| DOL | | | | 415 - 415 | 3 | 3 | 10 | |
| DOL | | | | 440 - 480 | 3 | 3 | 15 | |
| DOL | | | | 550 - 600 | 3 | 3 | 20 | |
| Pilot duty rating cod | de | | | | | | | |
| Duty Code | | | | | | | | |
| A600 | | | | | | | | |
| Temp. rating of wire | 2 | Temperature rating | 1 (°C) | | Cu | rrent (A) Text | | |
| | | remperature rating | 75 | | Cu | | | |
| General Use | | | 70 | | | | | |
| AC / DC | Voltage (V) | Current (A) | No. of phases | No. of poles | 3 | | | No. of contacts in s |
| AC | 277 | 25 | 1 | 1 | | | | |
| AC | 600 | 25 | 1 | 2 | 2 | | | |
| AC | 600 | 25 | 3 | 3 | 3 | | | |
| GENERAL TECH | HNICAL INFO | RMATION | | | | | | |
| Tightening torque of | | - | | | | | | |
| | | | tightening t | orque (Nm) | | | | tightening torque (i |
| | | | | 1,25 | | | | |
| Stripping length | | | , | | | | | |
| | | | Le | ength (mm) | PINGLENGTH | | | |
| Size of conductor | | | | 9 31111 | INGLEINGTH | | | |
| Size of colluctor | | | | | | Cross section | (mm²) or | |
| composition of cond | ductor | Min. / | Max. value | No. of con | ductor per termin | al (AWG/kcmil) | (111111) 01 | Material of the wire |
| flexible wire | | Max. | | | | 1 AWG 10 | | Copper |
| flexible wire | | Max. | | | | 1 4mm² | | Copper |
| Single-core or strand | | Max. | | | | 1 6mm² | | Copper |
| Single-core or strand | | Max. | | | | 1 AWG 10 | | Copper |
| | | k 4 | | | | 1 4mm ² | | Copper |
| flexible wire with sle | | Max. | | | | | | |
| flexible wire with sle Approbations | | Max. | | | | | | Ma |
| flexible wire with sle Approbations | | Max. | | | | | | Mai |
| flexible wire with sle Approbations Specification | | Max. | | | | | | |
| flexible wire with sle Approbations Specification | | Max. | | | | | | Mai |
| flexible wire with sle Approbations Specification | | Max. | | | | | | - I |
| flexible wire with sle Approbations Specification EAC | | Мах. | | | | | | - I |
| flexible wire with sle Approbations Specification EAC | | Мах. | | | | | | C |
| flexible wire with sle Approbations Specification EAC CE marking | | Max. | | | | | | C |
| flexible wire with sle Approbations Specification EAC CE marking | | Мах. | | | | | | - I |
| flexible wire with sle Approbations Specification EAC CE marking | | Max. | | | | | | [C |
| flexible wire with sle Approbations Specification EAC CE marking UK Directives | | Мах. | | | | | | [C |
| flexible wire with sle Approbations Specification EAC CE marking UK Directives | | Max. | | | | | | |
| flexible wire with sle Approbations Specification EAC CE marking UK Directives CSA C.22.2 No.14 | | Мах. | | | | | | |
| flexible wire with sle Approbations Specification EAC CE marking UK Directives CSA C.22.2 No.14 GB/T14048.3 | eeve | Max. | | | | | | [C |
| flexible wire with sle Approbations Specification EAC CE marking UK Directives CSA C.22.2 No.14 GB/T14048.3 Recommended screen | eeve | Max. | | | | | | |
| flexible wire with sle Approbations Specification EAC CE marking UK Directives CSA C.22.2 No.14 GB/T14048.3 Recommended scre Type of screw driver | eeve | Max. | | Value | | | | |
| flexible wire with sle Approbations Specification EAC CE marking UK Directives CSA C.22.2 No.14 GB/T14048.3 Recommended scree Type of screw driver Cross Screwdriver | eeve | | | PH2 | | | | |
| flexible wire with sle Approbations Specification EAC CE marking UK Directives CSA C.22.2 No.14 GB/T14048.3 Recommended scre Type of screw driver Cross Screwdriver Slot screwdriver acc | ew driver | | | | | | | |
| flexible wire with sle Approbations Specification EAC CE marking UK Directives CSA C.22.2 No.14 GB/T14048.3 Recommended scree Type of screw driver Cross Screwdriver | ew driver | | | PH2 | | | | |



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.

Waste Electrical & Electronic Equipment (WEEE)

Picture name Description

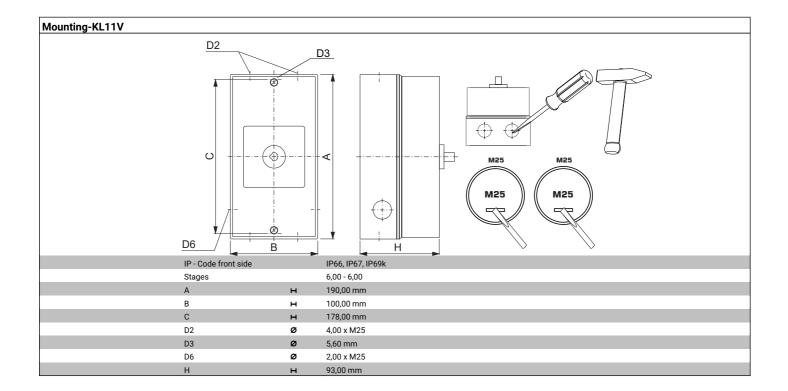
Do not throw in the trash as care must be taken to ensure environmentally sound disposal and recycling. Please either use an environmentally friendly waste disposal company; return to the supplier for disposal; or return direct to the manufacturer, Kraus & Naimer. You can find local Kraus & Naimer offices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





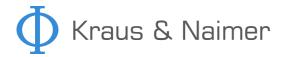
Wiring diagram KG20B.T306.KL11V

1L1 1L2 1L3 2L1 2L2 2L3 1T1 1T2 1T3 2T1 2T2 2T3

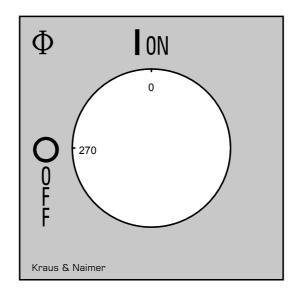


Switch program KG20B.T306.KL11V

| Traus & Naimer | | | | | | | | |
|------------------------------|----------|------------|--|----------|--|--|--|----------|
| Ψ Kraus & Na | KG2 | 20B | T306 | | | Page | 1 of 1 | |
| Face Plate | | | | | | | | |
| 1 | 1L1 1 | 1L2 3 | 1L3 5 | 2L1 7 | 2L2 9 | 2L3 11 | 13 | 15 |
| | | | <u>. </u> | ! | <u>. </u> | <u>. </u> | <u>. </u> | |
| 0 (-270 90 -) | l , i | $\sqrt{1}$ | χ1 | χ1 | χ1 | χ1 | | |
| 180 | | \ | \ | \ | \ | \ | | |
| | • | • | • | • | • | • | | |
| Switching Angle 90 | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 |
| Total switching Angle 90 270 | 1T1 | 1T2 | 1T3 | 2T1 | 2T2 | 2T3 | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| 1 0 | | | | | | | | |
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| 90 | ' | | | | | | | |
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| 180 | 1 | | | | | | | |
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| | | | | | | | | |
| | | | | | | | Vers | ion: 117 |



Face plate s1.F656/C10.V9





AUXILIARY CONTACTS (cam operated) for switch type KG20 - KG100C and KH(R)16 - KH(R)25B

Designation: K0.M510A/2CA-B

Number of contacts: "2" 2 auxiliary contacts **Operation of contacts:** "C" 1 auxiliary contact closed in pos. 1 and 1 auxiliary contact closed in

pos. 0 (NO/NC)

Type of version: "A" 1. auxiliary contact module **Type of mounting:** "-B" for type of mounting VE,

VE2, silver contacts

| IEC 60947-3 EN 60947 | 7-3, VDE 0660 Teil 10 | 7 | | | |
|--------------------------------|--------------------------|---------------------------------------|----------------------------------|--|----------------------------|
| Nominal Voltage | | | M-H (1) AO (DO | | |
| | | | Voltage (V) AC / DC 500 AC | | |
| | | | | | |
| Rated uninterrupted current lo | . /lal- | | 690 AC | | |
| Current (A) | Ambient temperature (°C) | Peak temperatur | e (°C) additional requirements | | |
| 10 | 55 | reak temperatur | 60 Ambient temperature +55°C dui | ing 24 hours with pook | vs.up.to.±60°C |
| 16 | 55 | | 60 Ambient temperature +55°C dui | | |
| Rated operational current le | 33 | | 00 Ambient temperature +33 C dui | ing 24 nours with pear | (S up to +00 C |
| Utilization category | | | Volta | ge (V) | Current (A) |
| AC-15 | | | |) - 240 | 2,50 |
| AC-15 | | | | - 440 | 1,50 |
| AC-15 | | | 300 | 500 | 1,30 |
| AC-21A | | | | 500 | 10 |
| | | | | | 10 |
| UL60947-4-1, UL508 | | | | | |
| Nominal Voltage | | | | | |
| | | | Voltage (V) AC / DC | | |
| | | | 600 AC | | |
| Rated insulation voltage Ui | | | 1/ 1/ 00 10 /00 | | |
| | | | Voltage (V) AC / DC | | |
| | | | 600 AC | | |
| Rated thermal current | 0 | | A b : t + t - | (90) A - - + T+ | |
| | Curi | rent (A) 10 | | re (°C) Additional Text 0 - 40 | |
| Pilot duty rating code | | 10 | | 0 - 40 | |
| Duty Code | | | | | |
| A600 | | | | | |
| General Use | | | | | |
| AC / DC Voltag | e (V) Current (A) | No. of phases | No. of poles | | No. of contacts in series |
| AC / DC Voltag | 600 10 | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 1 | | No. or comacts in series |
| | | | | | <u>'</u> |
| GENERAL TECHNICAL | INFORMATION | | | | |
| Tightening torque of screws | | | | | |
| | | tightening to | . , , | | tightening torque (lb-in) |
| | | | 0,60 | | 5 |
| Stripping length | | | | | |
| | | Le | ength (mm) | | |
| | | | 6 STRIPPINGLENGTH | | |
| Size of conductor | | | , | | |
| composition of conductor | Adin | . / Max. value | No. of conductor per terminal | Cross section (mm²) | or Material of the wire |
| solid wire | Min | | • | 0.5mm ² | Copper |
| solid wire | Min | | | 0.5mm² | Copper |
| flexible wire | Min | | | 0.75mm² | |
| flexible wire | Min | | | 0.75mm ² 0.75mm ² | Copper |
| | | | | | Copper |
| flexible wire | Max | | | AWG 16 | Copper |
| flexible wire | Max | | | 1.5mm² | Copper |
| Single-core or stranded wire | Max | ζ. | 2 | AWG 14 | Copper |



| Size of conductor | | | | |
|---|-------------------------------------|---|------------------------------------|----------------------|
| composition of conductor | Min. / Max. value | No. of conductor per terminal | Cross section (mm²) or (AWG/kcmil) | Material of the wire |
| Single-core or stranded wire | Max. | 2 | 1.5mm² | Copper |
| flexible wire with ferrule according to DIN 46228 | Max. | 2 | 1mm² | Copper |
| flexible wire with ferrule according to DIN 46228 | Min. | 1 | 0.5mm² | Copper |
| flexible wire with ferrule according to DIN 46228 | Min. | 2 | 0.5mm² | Copper |
| Recommended screw driver | | | | |
| Type of screw driver | | Value | | |
| Cross Screwdriver | | PH1 | | |
| Slot screwdriver according to DIN 5264 | | 0,6x3,5 | | |
| 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 tech | inology. | |
| - Use copper wire only. Do not coat the wire end with | | 3 | 3, | |
| 13 21 | | | | |
| \ | | | | |
| 14 22 | | | | |