



Sample image

Datasheet

Article number: 70018291 **Designation:** KG41B.T303.E

Description: Switch Local Disconnector

| Rated insulation voltag | e Ui | | | | | | | | | |
|---|--------------|---------------------------|------------------------|-----------------------|-------------------|-------------------|--------------------------|-----------------------|--|--|
| | | | | Voltage (V) AC / E | OC . | | | | | |
| Rated uninterrupted cu | rrent lu/lth | | | 690 AC | | | | | | |
| Current (A) | | ent temperature (°C) | Peak temperat | ure (°C) additional r | eauirements | | | | | |
| 40 | 7071070 | 50 | r can comporat | | | during 24 hours v | vith peaks up to +55°C | | | |
| Rated operational curre | ent le | | | | | <u> </u> | Programme and the second | | | |
| Utilization category | | | | | | ltage (V) | | Current | | |
| AC-32A | | 20 - 400 | | | | | | | | |
| Rated operational powe | er | | | | | | | | | |
| Utilization category | | | Voltage (V) | ٨ | lo. of phases | | No. of poles | Power (| | |
| AC-3 | | | 220 - 240 | | 3 | | 3 | | | |
| AC-3 AC-3 | | | 380 - 440 660 - 690 | | 3 | | 3 | | | |
| AC-23A | | | 220 - 240 | | 3 | | 3 | | | |
| AC-23A | | | 380 - 440 | | 3 | | 3 | | | |
| AC-23A | | | 660 - 690 | | 3 | | 3 | | | |
| Max Fuse Rating IEC | | | 000 020 | | - | | <u> </u> | | | |
| Fuse characteristic | | | | | | No. of Fu | ises | Current | | |
| gG | | | | | | | 1 | | | |
| UL60947-4-1 , UL | 508 | | | | | | | | | |
| Nominal Voltage | .500 | | | | | | | | | |
| Tommur Fortage | | | | Voltage (V) AC / E | OC . | | | | | |
| | | | | 600 AC | .0 | | | | | |
| Rated insulation voltag | e Ui | | | - | | | | | | |
| | | | | Voltage (V) AC / D | OC . | | | | | |
| | | | | 600 AC | | | | | | |
| Rated thermal current | | | | | | | | | | |
| | | Current | | | Ambient tempera | | nal Text | | | |
| Hananan annan makim m | | | 42 | | | 0 - 40 | | | | |
| Horsepower rating Across-the-Line Motor S | torting | | | Voltage (V) | No. of phases | No. of poles | Power (HP) | Ambient temperature | | |
| DOL | itarting | | | 110 - 120 | 1vo. or priases | No. or poles | 2 | Ambient temperature | | |
| DOL | | | | 220 - 240 | 1 | 2 | 5 | | | |
| DOL | | | | 277 - 277 | 1 | 2 | 7,50 | | | |
| DOL | | | | 415 - 415 | 1 | 2 | 7,50 | | | |
| DOL | | | | 440 - 480 | 1 | 2 | 10 | | | |
| DOL | | | | 550 - 600 | 1 | 2 | 10 | | | |
| DOL | | | | 110 - 120 | 3 | 3 | 5 | | | |
| DOL | | | | 220 - 240 | 3 | 3 | 15 | | | |
| DOL | | | | 415 - 415 | 3 | 3 | 15 | | | |
| DOL | | | | 440 - 480 | 3 | 3 | 25 | | | |
| DOL | | | | 550 - 600 | 3 | 3 | 30 | | | |
| Pilot duty rating code | | | | | | | | | | |
| Duty Code A600 | | | | | | | | | | |
| SCCR / Max. fuse rating | • | | | | | | | | | |
| Conditions of acceptable | | | | | | | | | | |
| | , | its capable of delivering | not more than 10kA rm | s symmetrical ampe | res. 600V ac max. | when protected | by Type RK1 fuses. | | | |
| | | delivering not more that | | | | | | | | |
| Temp. rating of wire | • | | | | | | | | | |
| | | Temperature rating (| °C) | | Cu | rrent (A) Text | | | | |
| | | 60 - | 75 | | | | | | | |
| General Use | | | | | | | | | | |
| | Voltage (V) | Current (A) | No. of phases | No. of pole | | | | No. of contacts in se | | |
| AC | 277 | 42 | 1 | | 1 | | | | | |
| AC | 600 | 42 | 1 | | 2 | | | | | |
| | 600 | 42 | 3 | | 3 | | | | | |
| AC General Information | | | | | | | | | | |

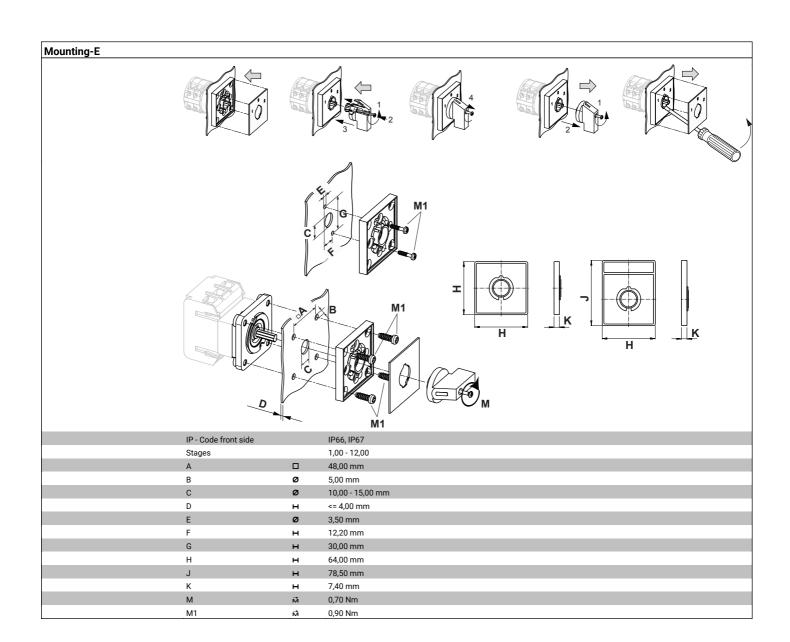


| General Informat | ion | | | | | | | | |
|--|--|---|---|--|---------------------------|--|--------------------|---|--|
| Text | | | | | | | | | |
| - When intended f | for use as a motor disc | connector the devi | ce shall be provided with a m | ethod of being locke | ed in the OFF-posit | tion. | | | |
| CSA | | | | | | | | | |
| Nominal Voltage | | | | | _ | | | | |
| | | | | Voltage (V) AC / D 600 AC | OC . | | | | |
| Rated insulation | voltage Ui | | | 000 AC | | | | | |
| | | | | Voltage (V) AC / D 600 AC | OC . | | | | |
| Rated thermal cu | rrent | | 4.1. | | | 6-1 | | | |
| | | Cu | rrent (A) 40 | | Ambient tempera | oture (°C) Addition 0 - 40 | onal Text | | |
| Across-the-Line M | | | | Voltage (V) | No. of phases | No. of poles | Power (HP) | Ambient tempera | atura [°C] |
| DOL | notor otarting | | | 110 - 120 | 1 | 2 | 2 | 7 inbient tempere | 40 |
| DOL | | | | 220 - 240 | 1 | 2 | 5 | | 40 |
| DOL | | | | 277 - 277 | 1 | 2 | 7,50 | | 40 |
| DOL DOL | | | | 415 - 415 440 - 480 | 1 | 2 2 | 7,50 10 | | 40 40 |
| DOL | | | | 550 - 600 | 1 | 2 | 10 | | 40 |
| DOL | | | | 110 - 120 | 3 | 3 | 5 | | 40 |
| DOL | | | | 220 - 240 | 3 | 3 | 15 | | 40 |
| DOL DOL | | | | 415 - 415 440 - 480 | 3 | 3 | 15 25 | | 40 |
| DOL | | | | 550 - 600 | 3 | 3 | 30 | | 40 40 |
| Temp. rating of w | vire | | | | | | | | |
| | | Temperature ra | ting (°C) 75 | | Cu | ırrent (A) Text | | | |
| General Use | | | | | | | | | |
| AC/DC | Voltage (V) | Current (A) | No. of phases | No. of pole | | | | No. of contacts | |
| AC AC | 277 600 | 40 40 | <u> </u> | | 2 | | | | 1 |
| AC | 600 | 40 | 3 | | 3 | | | | 1 |
| GENERAL TE | CHNICAL INFOR | MATION | | | | | | | |
| Tightening torque | | | | | | | | | |
| | | | tightening | torque (Nm) | | | | tightening torq | |
| Ob.:!! | | | | 1,80 | | | | | 16 |
| Stripping length | | | | Length (mm) | | | | | |
| | | | | | PINGLENGTH | | | | |
| Circ of | | | | | | | | | |
| Size of conductor | r | | | | | | (0) | | |
| | | Mi | in. / Max. value | No. of co | nductor per termir | Cross sectional (AWG/kcmil | n (mm²) or | Material of the wire | |
| composition of co | | Mi. Ma | in. / Max. value ax. | No. of co | nductor per termir | Cross sectional (AWG/kcmil) | n (mm²) or) | Material of the wire Copper | |
| composition of co flexible wire flexible wire | onductor | Ma Ma | ax. ax. | No. of co | nductor per termir | nal (AWG/kcmil) 1 AWG 6 1 10mm² | n (mm²) or) | Copper Copper | |
| composition of co flexible wire flexible wire Single-core or stra | onductor anded wire | Ma Ma Ma | ax. ax. ax. | No. of co | nductor per termir | nal (AWG/kcmil) 1 AWG 6 1 10mm² 1 AWG 6 | n (mm²) or) | Copper Copper Copper | |
| composition of co flexible wire flexible wire Single-core or stra Single-core or stra | onductor anded wire anded wire | Ma Ma Ma Ma | ax. ax. ax. ax. | No. of co | nductor per termir | nal (AWG/kcmil) 1 AWG 6 1 10mm² 1 AWG 6 1 16mm² | n (mm²) or) | Copper Copper Copper Copper | |
| composition of co flexible wire flexible wire Single-core or stra | onductor anded wire anded wire | Ma Ma Ma | ax. ax. ax. ax. | No. of co | nductor per termir | nal (AWG/kcmil) 1 AWG 6 1 10mm² 1 AWG 6 | n (mm²) or) | Copper Copper Copper | |
| composition of co flexible wire flexible wire Single-core or stra Single-core or stra flexible wire with | onductor anded wire anded wire | Ma Ma Ma Ma | ax. ax. ax. ax. | No. of co | nductor per termin | nal (AWG/kcmil) 1 AWG 6 1 10mm² 1 AWG 6 1 16mm² | n (mm²) or | Copper Copper Copper Copper | Marking |
| composition of co flexible wire flexible wire Single-core or stra Single-core or stra flexible wire with Approbations | onductor anded wire anded wire | Ma Ma Ma Ma | ax. ax. ax. ax. | No. of co | nductor per termin | nal (AWG/kcmil) 1 AWG 6 1 10mm² 1 AWG 6 1 16mm² | n (mm²) or) | Copper Copper Copper Copper | |
| composition of co flexible wire flexible wire Single-core or stra Single-core or stra flexible wire with Approbations | onductor anded wire anded wire | Ma Ma Ma Ma | ax. ax. ax. ax. | No. of co | nductor per termin | nal (AWG/kcmil) 1 AWG 6 1 10mm² 1 AWG 6 1 16mm² | n (mm²) or) | Copper Copper Copper Copper | Marking EHL |
| composition of co flexible wire flexible wire Single-core or stra Single-core or stra flexible wire with Approbations Specification | onductor anded wire anded wire | Ma Ma Ma Ma | ax. ax. ax. ax. | No. of co | nductor per termin | nal (AWG/kcmil) 1 AWG 6 1 10mm² 1 AWG 6 1 16mm² | n (mm²) or | Copper Copper Copper Copper | EHC |
| composition of co flexible wire flexible wire Single-core or str. Single-core or str. flexible wire with Approbations Specification | onductor anded wire anded wire | Ma Ma Ma Ma | ax. ax. ax. ax. | No. of co | nductor per termin | nal (AWG/kcmil) 1 AWG 6 1 10mm² 1 AWG 6 1 16mm² | n (mm²) or | Copper Copper Copper Copper | EHI C€ |
| composition of co flexible wire flexible wire Single-core or stra Single-core or stra flexible wire with Approbations Specification | onductor anded wire anded wire | Ma Ma Ma Ma | ax. ax. ax. ax. | No. of co | nductor per termin | nal (AWG/kcmil) 1 AWG 6 1 10mm² 1 AWG 6 1 16mm² | n (mm²) or | Copper Copper Copper Copper | EHI C€ |
| composition of co flexible wire flexible wire Single-core or stra Single-core or stra flexible wire with Approbations Specification | onductor anded wire anded wire | Ma Ma Ma Ma | ax. ax. ax. ax. | No. of co | nductor per termin | nal (AWG/kcmil) 1 AWG 6 1 10mm² 1 AWG 6 1 16mm² | n (mm²) or | Copper Copper Copper Copper | EHC |
| composition of co flexible wire flexible wire Single-core or stra Single-core or stra flexible wire with Approbations Specification | onductor anded wire anded wire | Ma Ma Ma Ma | ax. ax. ax. ax. | No. of co | nductor per termii | nal (AWG/kcmil) 1 AWG 6 1 10mm² 1 AWG 6 1 16mm² | n (mm²) or | Copper Copper Copper Copper | EM C € |
| composition of co flexible wire flexible wire Single-core or stra Single-core or stra flexible wire with Approbations Specification | anded wire anded wire sleeve | Ma Ma Ma Ma | ax. ax. ax. ax. | No. of co | nductor per termii | nal (AWG/kcmil) 1 AWG 6 1 10mm² 1 AWG 6 1 16mm² | n (mm²) or | Copper Copper Copper Copper | EHI C€ |
| composition of co flexible wire flexible wire Single-core or str. Single-core or str. flexible wire with Approbations Specification EAC CE marking UK Directives | anded wire anded wire sleeve | Ma Ma Ma Ma | ax. ax. ax. ax. | No. of co | nductor per termii | nal (AWG/kcmil) 1 AWG 6 1 10mm² 1 AWG 6 1 16mm² | n (mm²) or | Copper Copper Copper Copper | |
| composition of co flexible wire flexible wire Single-core or stra Single-core or stra flexible wire with Approbations Specification EAC CE marking UK Directives CSA C.22.2 No.14 GB/T14048.3 | anded wire anded wire sleeve | Ma Ma Ma Ma | ax. ax. ax. ax. | No. of co | nductor per termii | nal (AWG/kcmil) 1 AWG 6 1 10mm² 1 AWG 6 1 16mm² | n (mm²) or | Copper Copper Copper Copper | EM C € |
| composition of conflexible wire flexible wire Single-core or stransflexible wire with Approbations Specification EAC CE marking UK Directives CSA C.22.2 No.14 GB/T14048.3 Recommended so | anded wire anded wire sleeve | Ma Ma Ma Ma | ax. ax. ax. ax. | | | nal (AWG/kcmil) 1 AWG 6 1 10mm² 1 AWG 6 1 16mm² | n (mm²) or | Copper Copper Copper Copper | ® ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ |
| composition of co flexible wire flexible wire Single-core or stra Single-core or stra Flexible wire with Approbations Specification EAC CE marking UK Directives CSA C.22.2 No.14 GB/T14048.3 Recommended st Type of screw driv | anded wire anded wire sleeve 4 crew driver | Ma Ma Ma Ma | ax. ax. ax. ax. | Value | | nal (AWG/kcmil) 1 AWG 6 1 10mm² 1 AWG 6 1 16mm² | n (mm²) or | Copper Copper Copper Copper | ® ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ |
| composition of cofflexible wire flexible wire flexible wire Single-core or strafflexible wire with flexible wire with Approbations Specification EAC CE marking UK Directives CSA C.22.2 No.14 GB/T14048.3 Recommended so Type of screw drive Cross Screwdrive | anded wire anded wire sleeve 4 crew driver | Ma Ma Ma Ma | ax. ax. ax. ax. | | | nal (AWG/kcmil) 1 AWG 6 1 10mm² 1 AWG 6 1 16mm² | n (mm²) or | Copper Copper Copper Copper | ® ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ |
| composition of cofflexible wire flexible wire flexible wire Single-core or stratility of the strategy of the s | anded wire anded wire sleeve 4 crew driver ver according to DIN 5264 | Ma Ma Ma Ma | ax. ax. ax. ax. | Value PH2 | | nal (AWG/kcmil) 1 AWG 6 1 10mm² 1 AWG 6 1 16mm² | n (mm²) or | Copper Copper Copper Copper | ® ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ |
| composition of conflexible wire of flexible wire flexible wire Single-core or stratility of the strategy of th | anded wire anded wire sleeve 4 crew driver ver according to DIN 5264 ion | Ma Ma Ma Ma | ax. ax. ax. ax. ax. | Value PH2 | | nal (AWG/kcmil) 1 AWG 6 1 10mm² 1 AWG 6 1 16mm² | n (mm²) or | Copper Copper Copper Copper | ® ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ |
| composition of conflexible wire flexible wire flexible wire Single-core or strain flexible wire with flexible wire with Approbations Specification EAC CE marking UK Directives CSA C.22.2 No.14 GB/T14048.3 Recommended surface of screwdrive for screwdriver and screwdriver and General Informat Text - EMC Note: This | anded wire anded wire sleeve 4 crew driver ver er according to DIN 5264 ion device is suitable for u | Ma Ma Ma Ma | ax. ax. ax. ax. ax. | Value PH2 | | nal (AWG/kcmil) 1 AWG 6 1 10mm² 1 AWG 6 1 16mm² | n (mm²) or | Copper Copper Copper Copper | ® ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ |
| composition of conflexible wire flexible wire flexible wire Single-core or stransflexible wire with Approbations Specification EAC CE marking UK Directives CSA C.22.2 No.14 GB/T14048.3 Recommended set Type of screw drive Cross Screwdrives Slot screwdrives General Informat Text - EMC Note: This - Do not lubricate | anded wire anded wire sleeve 4 crew driver ver er according to DIN 5264 ion device is suitable for u or treat contacts. | Ma Ma Ma Ma Ma | ax. ax. ax. ax. ax. ax. ax. ax. t A and B. | Value PH2 1,2x6, | 5 | nal (AWG/kcmil) 1 AWG 6 1 10mm² 1 AWG 6 1 16mm² 1 10mm² | n (mm²) or | Copper Copper Copper Copper | ® ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ |
| composition of conflexible wire flexible wire flexible wire Single-core or strain flexible wire with flexible wire with Approbations Specification EAC CE marking UK Directives CSA C.22.2 No.14 GB/T14048.3 Recommended so Type of screw drive Cross Screwdrives Slot screwdriver a General Informat Text - EMC Note: This - Do not lubricate - Switches may on | anded wire anded wire sleeve 4 crew driver ver er according to DIN 5264 ion device is suitable for u or treat contacts. nly be mounted, conne | Ma Ma Ma Ma Ma Ma Ma Ma Ma Ma Ma Ma Ma M | ax. ax. ax. ax. ax. | Value PH2 1,2x6, | 5 | nal (AWG/kcmil) 1 AWG 6 1 10mm² 1 AWG 6 1 16mm² 1 10mm² | n (mm²) or | Copper Copper Copper Copper | ® ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ ⊗ |
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| composition of cofflexible wire flexible wire flexible wire Single-core or strassingle-core or strassingle | anded wire anded wire sleeve 4 crew driver ver er according to DIN 5264 ion device is suitable for u or treat contacts. nly be mounted, conne | Ma M | ax. | Value PH2 1,2x6, | 5 eccepted rules of te | nal (AWG/kcmil) 1 AWG 6 1 10mm² 1 AWG 6 1 16mm² 1 10mm² | | Copper Copper Copper Copper | EM CE UK © © GBT14048.3 |
| composition of co flexible wire flexible wire flexible wire Single-core or stra Single-core or stra Flexible wire with Approbations Specification EAC CE marking UK Directives CSA C.22.2 No.14 GB/T14048.3 Recommended so Type of screw driv Cross Screwdrives Slot screwdrives Slot screwdrives General Informat Text - EMC Note: This - Do not lubricate - Switches may or - Use copper wire Terminals with fall terminal scre Waste Electrical | anded wire anded wire sleeve 4 crew driver ver er according to DIN 5264 ion device is suitable for u or treat contacts. nly be mounted, conne e only. Do not coat the v favor fitted jumper lir was must be tightened if we must be tightened is Electronic Equipmen | Ma Ma Ma Ma Ma Ma Ma Ma Ma Ma Ma Ma Ma M | ax. | Value PH2 1,2x6, | 5 eccepted rules of te | nal (AWG/kcmil) 1 AWG 6 1 10mm² 1 AWG 6 1 16mm² 1 10mm² | | Copper Copper Copper Copper Copper Copper | EM CE UK © © GBT14048.3 |
| composition of conflexible wire flexible wire flexible wire Single-core or stransingle-core or stransingle | anded wire anded wire sleeve 4 crew driver ver er according to DIN 5264 ion device is suitable for u or treat contacts. nly be mounted, conne only. Do not coat the variety or treat years only. Do not coat the variety or treat years only in the variety of the | Ma Ma Ma Ma Ma Ma Ma Ma Ma Ma Ma Ma Ma M | ax. | Value PH2 1,2x6, | 5 eccepted rules of te | nal (AWG/kcmil) 1 AWG 6 1 10mm² 1 AWG 6 1 16mm² 1 10mm² | | Copper Copper Copper Copper Copper Copper | EM CE UK © © GBT14048.3 |
| composition of coffexible wire flexible wire flexible wire Single-core or strangle-core or | anded wire anded wire sleeve 4 crew driver ver er according to DIN 5264 cion device is suitable for u or treat contacts. nly be mounted, conne only. Do not coat the viractory fitted jumper ling factory fitted jumper ling ws must be tightened is & Electronic Equipmen Description | Ma M | ax. | Value PH2 1,2x6, s according to the adduring installation to | 5 eccepted rules of te | echnology. | lost by undoing bo | Copper Copper Copper Copper Copper Copper | EHI CE UKA GB GBT14048.3 |



| Proposition 65 | |
|--------------------|--|
| Picture name | Description |
| $\hat{\mathbb{N}}$ | 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 KG41B.T303.E

| L1 L2 L3 |
|----------|
| |
| T1 T2 T3 |

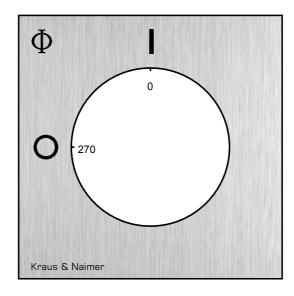


Switch program KG41B.T303.E

| A 1/ 0 N | | | | | | | | |
|--|---------|---------|---------|----------|----|------|--------|----------|
| Traus & Na | KG4 | 1B | T303 | | | Page | 1 of 1 | |
| Face Plate | | | | | | | | |
| 1 | L1 1 | L2 3 | L3 5 | 7 | 9 | 11 | 13 | 15 |
| 0 180 | \ | \ | \ | | | | | |
| Switching Angle 90 Total switching Angle 90 | 2 T1 | 4 T2 | 6 T3 | 8 | 10 | 12 | 14 | 16 |
| 0 270 | | 12 | " | | | | | |
| | | | | 1 | | | | |
| | | | | | | | | |
| 1 0 | | | | | | | | |
| | | | | <u> </u> | | | | |
| 90 | | | | | | | | |
| | | | | 1 | | | | |
| | | | | | | | | |
| 180 | | | | | | | | |
| | | | | <u> </u> | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | Vers | ion: 102 |



Face plate S1.F456/A1B.PEL







HANDLES

Designation: S1B.G251 **Handle colour:** "1" black