



# SERIES 1800 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

TO 12 (4) A 250 V AC



## PRODUCT FEATURES

- 100 million times proven switching principle
- High, flexible design variety
- Excellent actuating characteristic
- Illuminated and non-illuminated variants

## ON REQUEST

- Other colors
- Other printing variants
- Other lamp variants
- Snap-on, customized actuators
- Cable assembly



































|  |   |
|--|---|
| Mechanical life endurance                      | 10E4<br>5E4 (basic types 1808 and 1809)   |
| Inrush current (capacitive)                    | 50 A<br>70 A (contact pairing Ag / Ag, product-dependent)   |
| Contact resistance (new condition)             | < 100 mOhm (1 A 12 V DC)  |
| Insulation resistance (new condition)          | > 100 MOhm (500 V DC)   |
| Proof tracking                                 | 250 PTI   |
| Protection type                                | IP 40   |
| Ambient temperature                            | terminal side -20 °C ... +100 °C ... +85 °C (product-dependent)<br>actuating side -20 °C ... +55 °C |
| Flammability                                   | UL 94 V-2<br>UL 94 V-0 (product-dependent)  |
| Glow wire test temperature                     | 850 °C  |
| Material actuator<br>housing<br>terminals      | PA / PC<br>PA<br>silver plated / tinned / gold plated   |
| Plug force of the terminals                    | ≤ 80 N  |
| Approval marks                                 |   |
| Suitable for appliances of protection class II |   |

ROCKERSWITCHES  
 PUSHBUTTON SWITCHES  
 TOGGLE SWITCHES  
 SLIDE SWITCHES  
 ROTARY SWITCHES  
 FOOT SWITCHES  
 TACT AND KEY SWITCHES  
 SNAP-ACTION SWITCHES  
 MICRO-SIGNAL SWITCHES  
 SENSORS  
 ECO  
 PUSH N' DRIVE



# SERIES 1800 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

TO 12 (4) A 250 V AC

| single-pole                     |  | ON / OFF switch (SPST)  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------------|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|                                 |  | 1800.0102   | 1800.0108   | 1800.1102   | 1800.1104   | 1800.1108   | 1801.1121   | 1801.1148   | 1801.1520   | 1801.1908   | 1801.1926   | 1801.6122   | 1801.6130   | 1801.1101   | 1801.1102   | 1801.1119   |
| Lighting voltage (V)            | <br> | 230   | 230   | 230   | 230   | 230   |   |   |   |   |   |   |   |   |   |   |
| Actuator color / printing       | <br> |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Housing color                   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 12 (4) A 250 V AC 1E4           |  |   |   |   |   |   | ○   | ○   | ○   | ○   | ○   | ○   | ○   |   |   |   |
| 10 (4) A 250 V AC 1E4           |  | ○   | ○   | ○   | ○   | ○   |   |   |   |   |   |   |   | ○   | ○   | ○   |
| 8 (8) A 250 V AC 5E4            |  |   |   |   |   |   | ○   | ○   | ○   | ○   | ○   | ○   | ○   |   |   |   |
| 6 (4) A 250 V AC 5E4            |  | ○   | ○   | ○   | ○   | ○   |   |   |   |   |   |   |   | ○   | ○   | ○   |
| 6 (2) A 250 V AC 1E4            |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 4 (3) A 250 V AC 6E3            |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 4 (2) A 250 V AC 1E4            |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 30 mA 12 V DC 5E4               |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 15 A 250 V AC 1 1/2 HP          |  |   |   |   |   |   | ○   | ○   | ○   | ○   | ○   | ○   | ○   |   |   |   |
| 15 A 125 V AC 3/4 HP            |  |   |   |   |   |   | ○   | ○   | ○   | ○   | ○   | ○   | ○   |   |   |   |
| 10 A 250 V AC 1/2 HP            |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 10 A 125 V AC 1/3 HP            |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 6 A 250 V AC 1/2 HP             |  | ○   | ○   | ○   | ○   | ○   |   |   |   |   |   |   |   | ○   | ○   | ○   |
| 6 A 125 V AC 1/4 HP             |  |   |   |   |   |   |   |   |   |   |   |   |   | ○   | ○   | ○   |
| 6 A 125 - 250 V AC 1/8 HP       |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 6 A 125 V AC 1/10 HP            |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 4 A 250 V AC 1/10 HP            |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Terminal type                   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Terminal description            |  |   |   | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   |   | 4.8   | 4.8   | 4.8   |
| Inrush current (capacitive) (A) |  |   |   |   |   |   | 70  | 70  | 70  | 70  | 70  | 70  | 70  |   | 50  | 50  |
| Contact distance (mm)           |  | ≥ 3   | ≥ 3   | ≥ 3   | ≥ 3   | ≥ 3   | ≥ 3   | ≥ 3   | ≥ 3   | ≥ 3   | ≥ 3   | ≥ 3   | ≥ 3   | ≥ 3   | ≥ 3   | ≥ 3   |
| Contact material                |  | Ag  | Ag  | Ag  | Ag  | Ag  | Ag  | Ag  | Ag  | Ag  | Ag  | Ag  | Ag  | Ag  | Ag  | Ag  |
| EN 60335 cap. 30 conform "G"    |  |   |   |   |   |   |   |   |   |   | ○   | ○   |   |   |   |   |
| Miscellaneous                   |  | sealing plate   | sealing plate   |   |   |   |   |   | snap-on rocker  |   |   |   |   |   |   |   |
| Stock version                   |  |   |   | ○   |   | ○   | ○   |   |   | ○   |   | ○   |   | ○   | ○   | ○   |

ROCKERSWITCHES

PUSHBUTTON SWITCHES

TOGGLE SWITCHES

SLIDE SWITCHES

ROTARY SWITCHES

FOOT SWITCHES

TACT AND KEY SWITCHES

SNAP-ACTION SWITCHES

MIKRO-SIGNALSCHALTER

SENSORS




























ECO

PUSH'N'DRIVE



# SERIES 1800 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

TO 12 (4) A 250 V AC


| <div style="text-align: center;">  <p>single-pole</p> </div> | ON / OFF switch (SPST)  |   |   |   |   |   |   |  | Normally closed contact (SPNC)  |   | Normally open contact (SPNO)  |   |   |
|---|---|---|---|---|---|---|---|--|---|---|---|---|---|
|   | 1801.1146   | 1801.1403   | 1801.2106   | 1801.2402   | 1801.2702   | 1801.5102   | 1801.6101   | 1801.6102  | 1801.6115   | 1801.1151   | 1801.1302   | 1801.1303   | 1801.6222   |
| Lighting voltage (V)  |   |   |   |   |   |   |   |  |   |   |   |   |   |
| Actuator color / printing   |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Housing color   | Black   | Black   | Black   | Black   | Black   | Black   | White   | Black  | Black   | Black   | Black   | Black   | Black   |
| 12 (4) A 250 V AC 1E4   |   |   |   |   |   |   |   |  |   |   |   |   |   |
| 10 (4) A 250 V AC 1E4   | ○   | ○   | ○   | ○   | ○   | ○   | ○   | ○  | ○   |   |   |   | ○   |
| 8 (8) A 250 V AC 5E4  |   |   |   |   |   |   |   |  |   |   |   |   |   |
| 6 (4) A 250 V AC 5E4  | ○   | ○   | ○   | ○   | ○   | ○   | ○   | ○  | ○   |   |   |   | ○   |
| 6 (2) A 250 V AC 1E4  |   |   |   |   |   |   |   |  |   |   |   |   |   |
| 4 (3) A 250 V AC 6E3  |   |   |   |   |   |   |   |  |   |   |   |   |   |
| 4 (2) A 250 V AC 1E4  |   |   |   |   |   |   |   |  |   |   | ○   | ○   |   |
| 30 mA 12 V DC 5E4   |   |   |   |   |   |   |   |  |   | ○   |   |   |   |
| 15 A 250 V AC 1 1/2 HP  |   |   |   |   |   |   |   |  |   |   |   |   |   |
| 15 A 125 V AC 3/4 HP  |   |   |   |   |   |   |   |  |   |   |   |   |   |
| 10 A 250 V AC 1/2 HP  |   |   |   |   |   |   |   |  |   |   |   |   |   |
| 10 A 125 V AC 1/3 HP  |   |   |   |   |   |   |   |  |   |   |   |   |   |
| 6 A 250 V AC 1/2 HP   | ○   | ○   | ○   | ○   | ○   | ○   | ○   | ○  | ○   |   |   |   | ○   |
| 6 A 125 V AC 1/4 HP   | ○   | ○   | ○   | ○   | ○   | ○   | ○   | ○  | ○   |   |   |   | ○   |
| 6 A 125 - 250 V AC 1/8 HP   |   |   |   |   |   |   |   |  |   |   |   |   |   |
| 6 A 125 V AC 1/10 HP  |   |   |   |   |   |   |   |  |   |   | ○   | ○   |   |
| 4 A 250 V AC 1/10 HP  |   |   |   |   |   |   |   |  |   |   | ○   | ○   |   |
| Terminal type   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Terminal description  | 4.8   | 4.8   |   |   |   |   |   |  | 4.8   |   | 4.8   | 4.8   |   |
| Inrush current (capacitive) (A)   | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50   | 50  |   |   |   |   |
| Contact distance (mm)   | ≥ 3   | ≥ 3   | ≥ 3   | ≥ 3   | ≥ 3   | ≥ 3   | ≥ 3   | ≥ 3  | ≥ 3   |   | ≥ 3   | ≥ 3   |   |
| Contact material  | Ag  | Ag  | Ag  | Ag  | Ag  | Ag  | Ag  | Ag   | Ag  | Au  | Ag  | Ag  | Ag  |
| EN 60335 cap. 30 conform "G"  |   |   |   |   |   |   |   |  |   | ○   |   |   |   |
| Miscellaneous   |   | with dust cap black   |   | installation depth 13.2   | installation depth 28.1   |   |   |  |   |   |   |   |   |
| Stock version   | ○   | ○   | ○   |   |   |   | ○   | ○  | ○   |   |   |   | ○   |

ROCKERSWITCHES  
 PUSHBUTTON SWITCHES  
 TOGGLE SWITCHES  
 SLIDE SWITCHES  
 ROTARY SWITCHES  
 FOOT SWITCHES  
 TACT AND KEY SWITCHES  
 SNAP-ACTION SWITCHES  
 MICRO-SIGNAL SWITCHES  
 SENSORS  
 ECO  
 PUSH N' DRIVE



# SERIES 1800 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

TO 12 (4) A 250 V AC

| <div style="text-align: center;">  <p>single-pole</p> </div> | Normally open contact (SPNO) |                          | Changeover switch (SPDT) |                          |                          |                          |                          |                          |                          | Changeover switch with OFF position in the center (SPDT - Center OFF) |                          |                          |                             |  |
|---|------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---|--------------------------|--------------------------|-----------------------------|--|
|   | 1801.1202                    | 1801.2202                | 1803.1102                | 1803.1121                | 1803.2102                | 1803.5102                | 1803.6102                | 1803.6152                | 1808.1101                | 1808.1102   | 1808.1103                | 1808.1112                | 1808.1202                   |  |
| Lighting voltage (V)  |                              |                          |                          |                          |                          |                          |                          |                          |                          |   |                          |                          |                             |  |
| Actuator color / printing   |                              |                          |                          |                          |                          |                          |                          |                          |                          |   |                          |                          |                             |  |
| Housing color   |                              |                          |                          |                          |                          |                          |                          |                          |                          |   |                          |                          |                             |  |
| 12 (4) A 250 V AC 1E4   |                              |                          |                          |                          |                          |                          |                          |                          |                          |   |                          |                          |                             |  |
| 10 (4) A 250 V AC 1E4   |                              |                          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                          |                          |   |                          |                          |                             |  |
| 8 (8) A 250 V AC 5E4  |                              |                          |                          |                          |                          |                          |                          |                          |                          |   |                          |                          |                             |  |
| 6 (4) A 250 V AC 5E4  |                              |                          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                          |                          |   |                          |                          |                             |  |
| 6 (2) A 250 V AC 1E4  |                              |                          |                          |                          |                          |                          |                          |                          | <input type="checkbox"/> | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>    |  |
| 4 (3) A 250 V AC 6E3  |                              |                          |                          |                          |                          |                          |                          |                          |                          |   |                          |                          |                             |  |
| 4 (2) A 250 V AC 1E4  | <input type="checkbox"/>     | <input type="checkbox"/> |                          |                          |                          |                          |                          |                          |                          |   |                          |                          |                             |  |
| 30 mA 12 V DC 5E4   |                              |                          |                          |                          |                          |                          |                          | <input type="checkbox"/> |                          |   |                          |                          |                             |  |
| 15 A 250 V AC 1 1/2 HP  |                              |                          |                          |                          |                          |                          |                          |                          |                          |   |                          |                          |                             |  |
| 15 A 125 V AC 3/4 HP  |                              |                          |                          |                          |                          |                          |                          |                          |                          |   |                          |                          |                             |  |
| 10 A 250 V AC 1/2 HP  |                              |                          |                          | <input type="checkbox"/> |                          |                          |                          |                          |                          |   |                          |                          |                             |  |
| 10 A 125 V AC 1/3 HP  |                              |                          |                          | <input type="checkbox"/> |                          |                          |                          |                          |                          |   |                          |                          |                             |  |
| 6 A 250 V AC 1/2 HP   |                              |                          | <input type="checkbox"/> |                          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                          |                          |   |                          |                          |                             |  |
| 6 A 125 V AC 1/4 HP   |                              |                          | <input type="checkbox"/> |                          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                          |                          |   |                          |                          |                             |  |
| 6 A 125 - 250 V AC 1/8 HP   |                              |                          |                          |                          |                          |                          |                          |                          | <input type="checkbox"/> | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>    |  |
| 6 A 125 V AC 1/10 HP  | <input type="checkbox"/>     | <input type="checkbox"/> |                          |                          |                          |                          |                          |                          |                          |   |                          |                          |                             |  |
| 4 A 250 V AC 1/10 HP  | <input type="checkbox"/>     | <input type="checkbox"/> |                          |                          |                          |                          |                          |                          |                          |   |                          |                          |                             |  |
| Terminal type   |                              |                          |                          |                          |                          |                          |                          |                          |                          |   |                          |                          |                             |  |
| Terminal description  | 4.8                          |                          | 4.8                      | 4.8                      |                          |                          |                          |                          | 4.8                      | 4.8   | 4.8                      | 4.8                      | 4.8                         |  |
| Inrush current (capacitive) (A)   | $\geq 3$                     | $\geq 3$                 | $\geq 3$                 | $\geq 3$                 | $\geq 3$                 | $\geq 3$                 | $\geq 3$                 | $\geq 3$                 | $< 3$                    | $< 3$   | $< 3$                    | $< 3$                    | $< 3$                       |  |
| Contact distance (mm)   |                              |                          |                          |                          |                          |                          |                          |                          |                          |   |                          |                          |                             |  |
| Contact material  | Ag                           | Ag                       | Ag                       | Ag                       | Ag                       | Ag                       | Ag                       | Au                       | Ag                       | Ag  | Ag                       | Ag                       | Ag                          |  |
| EN 60335 cap. 30 conform "G"  |                              |                          |                          |                          |                          |                          |                          |                          |                          |   |                          | <input type="checkbox"/> |                             |  |
| Miscellaneous   |                              |                          |                          |                          |                          |                          |                          |                          |                          |   |                          |                          | momentary function one side |  |
| Stock version   | <input type="checkbox"/>     |                          | <input type="checkbox"/> |                          | <input type="checkbox"/> |                          | <input type="checkbox"/> |                          |                          | <input type="checkbox"/>  | <input type="checkbox"/> |                          | <input type="checkbox"/>    |  |

ROCKERSWITCHES

PUSHBUTTON SWITCHES

TOGGLE SWITCHES

SLIDE SWITCHES

ROTARY SWITCHES

FOOT SWITCHES

TACT AND KEY SWITCHES

SNAP-ACTION SWITCHES

MIKRO-SIGNALSCHALTER

SENSORS


ECO

PUSH'N'DRIVE



# SERIES 1800 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

TO 12 (4) A 250 V AC


| <br>single-pole |                           | Changeover switch with OFF position in the center (SPDT - Center OFF) |                       |                       |                      |                      |                      |                      |                      |                   | Changeover switch (SPDT momentary) |                      |                      |                      |                     |                     |                           |                      |                      |               |                      |                                 |                       |                  |                              |               |  |                       |
|--|---------------------------|---|-----------------------|-----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-------------------|------------------------------------|----------------------|----------------------|----------------------|---------------------|---------------------|---------------------------|----------------------|----------------------|---------------|----------------------|---------------------------------|-----------------------|------------------|------------------------------|---------------|--|-----------------------|
| Lighting voltage (V)   | Actuator color / printing | Housing color   | 12 (4) A 250 V AC 1E4 | 10 (4) A 250 V AC 1E4 | 8 (8) A 250 V AC 5E4 | 6 (4) A 250 V AC 5E4 | 6 (2) A 250 V AC 1E4 | 4 (3) A 250 V AC 6E3 | 4 (2) A 250 V AC 1E4 | 30 mA 12 V DC 5E4 | 15 A 250 V AC 1 1/2 HP             | 15 A 125 V AC 3/4 HP | 10 A 250 V AC 1/2 HP | 10 A 125 V AC 1/3 HP | 6 A 250 V AC 1/2 HP | 6 A 125 V AC 1/4 HP | 6 A 125 - 250 V AC 1/8 HP | 6 A 125 V AC 1/10 HP | 4 A 250 V AC 1/10 HP | Terminal type | Terminal description | Inrush current (capacitive) (A) | Contact distance (mm) | Contact material | EN 60335 cap. 30 conform "G" | Miscellaneous | Stock version                            |                       |
|  |                           |   |                       |                       |                      |                      |                      |                      |                      |                   |                                    |                      |                      |                      |                     |                     |                           |                      |                      |               | U                    | 4.8                             | < 3                   | < 3              | Ag                           |               | momentary function both sides            | <input type="radio"/> |
|  |                           |   |                       |                       |                      |                      |                      |                      |                      |                   |                                    |                      |                      |                      |                     |                     |                           |                      |                      |               | U                    |                                 | < 3                   | < 3              | Ag                           |               | PCB tinned                               | <input type="radio"/> |
|  |                           |   |                       |                       |                      |                      |                      |                      |                      |                   |                                    |                      |                      |                      |                     |                     |                           |                      |                      |               | U                    |                                 | < 3                   | < 3              | Ag                           |               | PCB tinned momentary function both sides | <input type="radio"/> |
|  |                           |   |                       |                       |                      |                      |                      |                      |                      |                   |                                    |                      |                      |                      |                     |                     |                           |                      |                      |               | U                    |                                 | < 3                   | < 3              | Ag                           |               | installation depth 29.6                  | <input type="radio"/> |
|  |                           |   |                       |                       |                      |                      |                      |                      |                      |                   |                                    |                      |                      |                      |                     |                     |                           |                      |                      |               | U                    |                                 | < 3                   | < 3              | Ag                           |               |  | <input type="radio"/> |
|  |                           |   |                       |                       |                      |                      |                      |                      |                      |                   |                                    |                      |                      |                      |                     |                     |                           |                      |                      |               | U                    |                                 | < 3                   | < 3              | Ag                           |               |  | <input type="radio"/> |
|  |                           |   |                       |                       |                      |                      |                      |                      |                      |                   |                                    |                      |                      |                      |                     |                     |                           |                      |                      |               | U                    |                                 | < 3                   | < 3              | Ag                           |               | momentary function one side              | <input type="radio"/> |
|  |                           |   |                       |                       |                      |                      |                      |                      |                      |                   |                                    |                      |                      |                      |                     |                     |                           |                      |                      |               | U                    |                                 | < 3                   | < 3              | Ag                           |               | momentary function both sides            | <input type="radio"/> |
|  |                           |   |                       |                       |                      |                      |                      |                      |                      |                   |                                    |                      |                      |                      |                     |                     |                           |                      |                      |               | U                    | 4.8                             | < 3                   | < 3              | Au                           |               |  | <input type="radio"/> |
|  |                           |   |                       |                       |                      |                      |                      |                      |                      |                   |                                    |                      |                      |                      |                     |                     |                           |                      |                      |               | U                    | 4.8                             | < 3                   | < 3              | Au                           |               | momentary function both sides            | <input type="radio"/> |
|  |                           |   |                       |                       |                      |                      |                      |                      |                      |                   |                                    |                      |                      |                      |                     |                     |                           |                      |                      |               | U                    |                                 | >= 3                  | >= 3             | Ag                           |               |  | <input type="radio"/> |
|  |                           |   |                       |                       |                      |                      |                      |                      |                      |                   |                                    |                      |                      |                      |                     |                     |                           |                      |                      |               | U                    |                                 | >= 3                  | >= 3             | Ag                           |               |  | <input type="radio"/> |
|  |                           |   |                       |                       |                      |                      |                      |                      |                      |                   |                                    |                      |                      |                      |                     |                     |                           |                      |                      |               | U                    |                                 | >= 3                  | >= 3             | Au                           |               |  | <input type="radio"/> |

ROCKER SWITCHES  
 PUSHBUTTON SWITCHES  
 TOGGLE SWITCHES  
 SLIDE SWITCHES  
 ROTARY SWITCHES  
 FOOT SWITCHES  
 TACT AND KEY SWITCHES  
 MICRO-SIGNAL SWITCHES  
 MICRO-SIGNAL SWITCHES  
 SENSORS  
 ECO  
 PUSH N' DRIVE



# SERIES 1800 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES


TO 12 (4) A 250 V AC

| <br>double-pole |  | ON / OFF switch (DPST)  |                         |                         |                         |                         |  |  |           |           |                         |                   |           |           |           |           |
|--|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--|--|-----------|-----------|-------------------------|-------------------|-----------|-----------|-----------|-----------|
| Lighting voltage (V)   |  | 1805.6102               | 1805.6108               | 1805.7104               | 1805.7109               | 1805.7110               | 1805.7112  | 1805.7118  | 1802.1121 | 1802.1123 | 1802.2504               | 1802.3311         | 1802.6123 | 1802.1101 | 1802.1102 | 1802.1108 |
| Actuator color / printing  |  |                         |                         |                         |                         |                         |  |  |           |           |                         |                   |           |           |           |           |
| Housing color  |  |                         |                         |                         |                         |                         |  |  |           |           |                         |                   |           |           |           |           |
| 12 (4) A 250 V AC 1E4  |  |                         |                         |                         |                         |                         | ○  | ○  | ○         | ○         | ○                       | ○                 | ○         |           |           |           |
| 10 (4) A 250 V AC 1E4  |  | ○                       | ○                       | ○                       | ○                       | ○                       |  |  |           |           |                         |                   |           | ○         | ○         | ○         |
| 8 (8) A 250 V AC 5E4   |  |                         |                         |                         |                         |                         | ○  | ○  | ○         | ○         | ○                       | ○                 | ○         |           |           |           |
| 6 (4) A 250 V AC 5E4   |  | ○                       | ○                       | ○                       | ○                       | ○                       |  |  |           |           |                         |                   |           | ○         | ○         | ○         |
| 6 (2) A 250 V AC 1E4   |  |                         |                         |                         |                         |                         |  |  |           |           |                         |                   |           |           |           |           |
| 4 (3) A 250 V AC 6E3   |  |                         |                         |                         |                         |                         |  |  |           |           |                         |                   |           |           |           |           |
| 4 (2) A 250 V AC 1E4   |  |                         |                         |                         |                         |                         |  |  |           |           |                         |                   |           |           |           |           |
| 30 mA 12 V DC 5E4  |  |                         |                         |                         |                         |                         |  |  |           |           |                         |                   |           |           |           |           |
| 15 A 250 V AC 1 1/2 HP   |  |                         |                         |                         |                         |                         | ○  | ○  | ○         | ○         | ○                       | ○                 | ○         |           |           |           |
| 15 A 125 V AC 3/4 HP   |  |                         |                         |                         |                         |                         | ○  | ○  | ○         | ○         | ○                       | ○                 | ○         |           |           |           |
| 10 A 250 V AC 1/2 HP   |  |                         |                         |                         |                         |                         |  |  |           |           |                         |                   |           |           |           |           |
| 10 A 125 V AC 1/3 HP   |  |                         |                         |                         |                         |                         |  |  |           |           |                         |                   |           |           |           |           |
| 6 A 250 V AC 1/2 HP  |  | ○                       | ○                       | ○                       | ○                       | ○                       |  |  |           |           |                         |                   |           | ○         | ○         | ○         |
| 6 A 125 V AC 1/4 HP  |  |                         |                         |                         |                         |                         |  |  |           |           |                         |                   |           | ○         | ○         | ○         |
| 6 A 125 - 250 V AC 1/8 HP  |  |                         |                         |                         |                         |                         |  |  |           |           |                         |                   |           |           |           |           |
| 6 A 125 V AC 1/10 HP   |  |                         |                         |                         |                         |                         |  |  |           |           |                         |                   |           |           |           |           |
| 4 A 250 V AC 1/10 HP   |  |                         |                         |                         |                         |                         |  |  |           |           |                         |                   |           |           |           |           |
| Terminal type  |  |                         |                         |                         |                         |                         |  |  |           |           |                         |                   |           |           |           |           |
| Terminal description   |  |                         |                         | 4.8                     | 4.8                     | 4.8                     | 4.8  | 4.8  | 4.8       | 4.8       | 4.3 lang                | 4.8 75° angled M3 |           | 4.8       | 4.8       | 4.8       |
| Inrush current (capacitive) (A)  |  | 50                      | 50                      | 50                      | 50                      | 50                      | 70   | 70   | 70        | 70        | 70                      | 70                | 70        | 50        | 50        | 50        |
| Contact distance (mm)  |  | ≥ 3                     | ≥ 3                     | ≥ 3                     | ≥ 3                     | ≥ 3                     | ≥ 3  | ≥ 3  | ≥ 3       | ≥ 3       | ≥ 3                     | ≥ 3               | ≥ 3       | ≥ 3       | ≥ 3       | ≥ 3       |
| Contact material   |  | Ag                      | Ag                      | Ag                      | Ag                      | Ag                      | Ag   | Ag   | Ag        | Ag        | Ag                      | Ag                | Ag        | Ag        | Ag        | Ag        |
| EN 60335 cap. 30 conform "G"   |  |                         |                         |                         |                         |                         | ○  |  |           |           |                         |                   |           |           |           |           |
| Miscellaneous  |  | installation depth 17.5 | installation depth 17.5 | installation depth 19.5 | installation depth 19.5 | installation depth 19.5 | installation depth 20.5 ignition voltage < 100 V | installation depth 20.5 ignition voltage < 100 V |           |           | installation depth 16.2 | shortened gate    |           |           |           |           |
| Stock version  |  |                         |                         | ○                       | ○                       | ○                       |  | ○  | ○         | ○         |                         |                   | ○         | ○         | ○         | ○         |



# SERIES 1800 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

TO 12 (4) A 250 V AC

| <br>double-pole |                           | ON / OFF switch (DPST) |           |           |           |           | Normally open contact (DPNO) | Changeover switch (DPDT) |                 |           |           | Changeover switch with OFF position in the center (DPDT - Center OFF) |                             |
|--|---------------------------|------------------------|-----------|-----------|-----------|-----------|------------------------------|--------------------------|-----------------|-----------|-----------|---|-----------------------------|
| Lighting voltage (V)   | Actuator color / printing | 1802.2102              | 1802.2104 | 1802.3102 | 1802.5103 | 1802.6152 | 1802.1221                    | 1804.1102                | 1804.1125       | 1804.2102 | 1804.6121 | 1809.1102   | 1809.1202                   |
| Housing color  |                           | [Red/Black]            |           |           |           |           | [Black]                      | [Black]                  |                 |           |           | [Black]   |                             |
| 12 (4) A 250 V AC 1E4  |                           |                        |           |           |           |           |                              |                          |                 |           |           |   |                             |
| 10 (4) A 250 V AC 1E4  |                           | ○                      | ○         | ○         | ○         |           |                              | ○                        | ○               | ○         | ○         |   |                             |
| 8 (8) A 250 V AC 5E4   |                           |                        |           |           |           |           |                              |                          |                 |           |           |   |                             |
| 6 (4) A 250 V AC 5E4   |                           | ○                      | ○         | ○         | ○         |           |                              | ○                        | ○               | ○         | ○         |   |                             |
| 6 (2) A 250 V AC 1E4   |                           |                        |           |           |           |           |                              |                          |                 |           |           | ○   |                             |
| 4 (3) A 250 V AC 6E3   |                           |                        |           |           |           |           |                              |                          |                 |           |           |   | ○                           |
| 4 (2) A 250 V AC 1E4   |                           |                        |           |           |           |           | ○                            |                          |                 |           |           |   |                             |
| 30 mA 12 V DC 5E4  |                           |                        |           |           |           | ○         |                              |                          |                 |           |           |   |                             |
| 15 A 250 V AC 1 1/2 HP   |                           |                        |           |           |           |           |                              |                          |                 |           |           |   |                             |
| 15 A 125 V AC 3/4 HP   |                           |                        |           |           |           |           |                              |                          |                 |           |           |   |                             |
| 10 A 250 V AC 1/2 HP   |                           |                        |           |           |           |           |                              |                          | ○               |           |           |   |                             |
| 10 A 125 V AC 1/3 HP   |                           |                        |           |           |           |           |                              |                          | ○               |           |           |   |                             |
| 6 A 250 V AC 1/2 HP  |                           | ○                      | ○         | ○         | ○         |           |                              | ○                        |                 | ○         |           |   |                             |
| 6 A 125 V AC 1/4 HP  |                           | ○                      | ○         | ○         | ○         |           |                              | ○                        |                 | ○         |           |   |                             |
| 6 A 125 - 250 V AC 1/8 HP  |                           |                        |           |           |           |           |                              |                          |                 |           |           | ○   |                             |
| 6 A 125 V AC 1/10 HP   |                           |                        |           |           |           |           |                              |                          |                 |           |           | ○   |                             |
| 4 A 250 V AC 1/10 HP   |                           |                        |           |           |           |           |                              |                          |                 |           |           | ○   |                             |
| Terminal type  |                           | ┌                      | ┌         | ┌         | ┌         | ┌         | ┌                            | ┌                        | ┌               | ┌         | ┌         | ┌   | ┌                           |
| Terminal description   |                           |                        |           | 4.8 M3    |           |           | 4.8                          | 4.8                      | 1 mm longer 4.8 |           |           | 4.8   | 4.8                         |
| Inrush current (capacitive) (A)  |                           | 50                     | 50        | 50        | 50        |           |                              |                          |                 |           |           |   |                             |
| Contact distance (mm)  |                           | ≥ 3                    | ≥ 3       | ≥ 3       | ≥ 3       | ≥ 3       | ≥ 3                          | ≥ 3                      | ≥ 3             | ≥ 3       | ≥ 3       | < 3   | < 3                         |
| Contact material   |                           | Ag                     | Ag        | Ag        | Ag        | Au        | Ag                           | Ag                       | Ag              | Ag        | Ag        | Ag  | Ag                          |
| EN 60335 cap. 30 conform "G"   |                           |                        |           |           |           |           |                              |                          |                 |           |           |   |                             |
| Miscellaneous  |                           |                        |           |           |           |           |                              |                          |                 |           |           |   | momentary function one side |
| Stock version  |                           | ○                      | ○         | ○         | ○         |           | ○                            | ○                        | ○               | ○         | ○         | ○   | ○                           |

ROCKER SWITCHES  
 PUSHBUTTON SWITCHES  
 TOGGLE SWITCHES  
 SLIDE SWITCHES  
 ROTARY SWITCHES  
 FOOT SWITCHES  
 TACT AND KEY SWITCHES  
 MICRO-SIGNAL SWITCHES  
 SMP-ACTION SWITCHES  
 MICRO-SIGNAL SWITCHES  
 SENSORS  
 ECO  
 PUSH N' DRIVE



# SERIES 1800 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

TO 12 (4) A 250 V AC

ROCKERSWITCHES

PUSHBUTTON SWITCHES

TOGGLE SWITCHES

SLIDE SWITCHES

ROTARY SWITCHES

FOOT SWITCHES

TACT AND KEY SWITCHES




















SNAP-ACTION SWITCHES

MIKRO-SIGNALSCHALTER

SENSORS

ECO











PUSH'N'DRIVE

|  <p>double-pole</p> |  | 1809.1302   |   | 1809.2102   |   | 1804.1225   |   |
|--|--|---|---|---|---|---|---|
|  |  | Changeover switch with OFF position in the center (DPDT - Center OFF)               |   | Changeover switch (DPDT momentary)  |   |   |   |
| Lighting voltage (V)   |  |   |   |   |   |   |   |
| Actuator color / printing  |  |    |    |    |    |    |    |
| Housing color  |  |    |    |    |    |    |    |
| 12 (4) A 250 V AC 1E4  |  |   |   |   |   |   |   |
| 10 (4) A 250 V AC 1E4  |  |   |   |   |   |   |   |
| 8 (8) A 250 V AC 5E4   |  |   |   |   |   |   |   |
| 6 (4) A 250 V AC 5E4   |  |   |   |   |   |   |   |
| 6 (2) A 250 V AC 1E4   |  | ○   |   | ○   |   |   |   |
| 4 (3) A 250 V AC 6E3   |  |   |   |   |   | ○   |   |
| 4 (2) A 250 V AC 1E4   |  |   |   |   |   |   |   |
| 30 mA 12 V DC 5E4  |  |   |   |   |   |   |   |
| 15 A 250 V AC 1 1/2 HP   |  |   |   |   |   |   |   |
| 15 A 125 V AC 3/4 HP   |  |   |   |   |   |   |   |
| 10 A 250 V AC 1/2 HP   |  |   |   |   |   |   |   |
| 10 A 125 V AC 1/3 HP   |  |   |   |   |   |   |   |
| 6 A 250 V AC 1/2 HP  |  |   |   |   |   |   |   |
| 6 A 125 V AC 1/4 HP  |  |   |   |   |   |   |   |
| 6 A 125 - 250 V AC 1/8 HP  |  | ○   |   | ○   |   |   |   |
| 6 A 125 V AC 1/10 HP   |  |   |   |   |   | ○   |   |
| 4 A 250 V AC 1/10 HP   |  |   |   |   |   | ○   |   |
| Terminal type  |  |  |  |  |  |  |  |
| Terminal description   |  | 4.8   |   |   |   | 1 mm longer 4.8   |   |
| Inrush current (capacitive) (A)  |  |   |   |   |   |   |   |
| Contact distance (mm)  |  | < 3   |   | < 3   |   | ≥ 3   |   |
| Contact material   |  | Ag  |   | Ag  |   | Ag  |   |
| EN 60335 cap. 30 conform "G"   |  |   |   |   |   |   |   |
| Miscellaneous  |  | momentary function both sides   |   | PCB tinned  |   |   |   |
| Stock version  |  | ○   |   |   |   |   |   |



# SERIES 1800 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

TO 12 (4) A 250 V AC

















| Combination<br> | ON / OFF switch (SPST)  |   | Changeover switch with OFF position in the center (SPDT - Center OFF)               |
|--|---|---|---|
|  | 1806.1102   | 1806.6108   |   |
| Lighting voltage (V)   |   |   |   |
| Actuator color / printing  |    |    |    |
| Housing color  |    |    |    |
| 12 (4) A 250 V AC 1E4  |   |   |   |
| 10 (4) A 250 V AC 1E4  | ○   | ○   |   |
| 8 (8) A 250 V AC 5E4   |   |   |   |
| 6 (4) A 250 V AC 5E4   | ○   | ○   |   |
| 6 (2) A 250 V AC 1E4   |   |   | ○   |
| 4 (3) A 250 V AC 6E3   |   |   |   |
| 4 (2) A 250 V AC 1E4   |   |   |   |
| 30 mA 12 V DC 5E4  |   |   |   |
| 15 A 250 V AC 1 1/2 HP   |   |   |   |
| 15 A 125 V AC 3/4 HP   |   |   |   |
| 10 A 250 V AC 1/2 HP   |   |   |   |
| 10 A 125 V AC 1/3 HP   |   |   |   |
| 6 A 250 V AC 1/2 HP  | ○   | ○   |   |
| 6 A 125 V AC 1/4 HP  | ○   | ○   |   |
| 6 A 125 - 250 V AC 1/8 HP  |   |   |   |
| 6 A 125 V AC 1/10 HP   |   |   |   |
| 4 A 250 V AC 1/10 HP   |   |   |   |
| Terminal type  |  |  |  |
| Terminal description   | 4.8   |   | 4.8   |
| Inrush current (capacitive) (A)  |   |   |   |
| Contact distance (mm)  | ≥ 3   | ≥ 3   | < 3   |
| Contact material   | Ag  | Ag  | Ag  |
| EN 60335 cap. 30 conform "G"   |   |   |   |
| Miscellaneous  |   | without separating gate   | life endurance 50.000 cycles  |
| Stock version  | ○   |   |   |

ROCKER SWITCHES  
PUSHBUTTON SWITCHES  
TOGGLE SWITCHES  
SLIDE SWITCHES  
ROTARY SWITCHES  
FOOT SWITCHES  
TACT AND KEY SWITCHES  
SNAP-ACTION SWITCHES  
MICRO-SIGNAL SWITCHES  
SENSORS  
ECO  
PUSH N' DRIVE



# SERIES 1800 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

TO 12 (4) A 250 V AC

| <br>Lamp | Lamp  |   |   |   |   |
|---|---|---|---|---|---|
|   | 1806.1508   | 1807.1102   | 1807.1108   | 1807.1126   | 1807.6103   |
| Lighting voltage (V)  | 230<br>230  | 230   | 230   | 230   | 230   |
| Actuator color / printing   |    |    |    |    |    |
| Housing color   |    |    |    |    |    |
| 12 (4) A 250 V AC 1E4   |   |   |   |   |   |
| 10 (4) A 250 V AC 1E4   |   |   |   |   |   |
| 8 (8) A 250 V AC 5E4  |   |   |   |   |   |
| 6 (4) A 250 V AC 5E4  |   |   |   |   |   |
| 6 (2) A 250 V AC 1E4  |   |   |   |   |   |
| 4 (3) A 250 V AC 6E3  |   |   |   |   |   |
| 4 (2) A 250 V AC 1E4  |   |   |   |   |   |
| 30 mA 12 V DC 5E4   |   |   |   |   |   |
| 15 A 250 V AC 1 1/2 HP  |   |   |   |   |   |
| 15 A 125 V AC 3/4 HP  |   |   |   |   |   |
| 10 A 250 V AC 1/2 HP  |   |   |   |   |   |
| 10 A 125 V AC 1/3 HP  |   |   |   |   |   |
| 6 A 250 V AC 1/2 HP   |   |   |   |   |   |
| 6 A 125 V AC 1/4 HP   |   |   |   |   |   |
| 6 A 125 - 250 V AC 1/8 HP   |   |   |   |   |   |
| 6 A 125 V AC 1/10 HP  |   |   |   |   |   |
| 4 A 250 V AC 1/10 HP  |   |   |   |   |   |
| Terminal type   |  |  |  |  |  |
| Terminal description  | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   |
| Inrush current (capacitive) (A)   |   |   |   |   |   |
| Contact distance (mm)   |   |   |   |   |   |
| Contact material  |   |   |   |   |   |
| EN 60335 cap. 30 conform "G"  |   |   |   |   |   |
| Miscellaneous   |   | VDE   | VDE   | VDE   | size basic type 1805<br>VDE   |
| Stock version   |   | ○   | ○   |   |   |

ROCKERSWITCHES

PUSHBUTTON SWITCHES

TOGGLE SWITCHES

SLIDE SWITCHES

ROTARY SWITCHES

FOOT SWITCHES

TACT AND KEY SWITCHES

SNAP-ACTION SWITCHES

MIKRO-SIGNALSCHALTER

SENSORS

ECO

PUSH'N'DRIVE

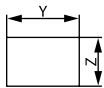


# SERIES 1800 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

T0 12 (4) A 250 V AC

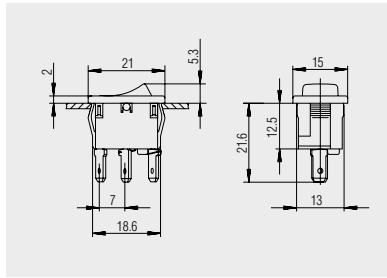


Basic types 1801  
single-pole  
illuminated / non-illuminated

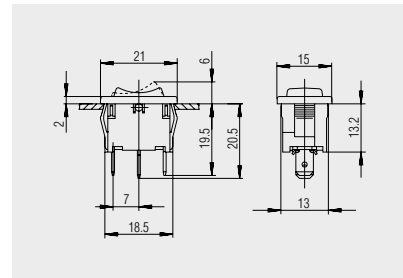


X = Wall thickness

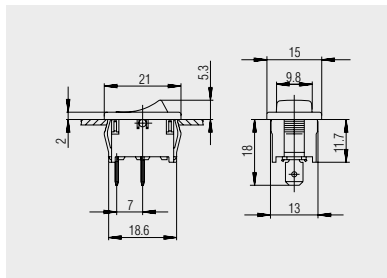
| x             | y                    | z                    |
|---------------|----------------------|----------------------|
| 0.75 ... 1.25 | 19.2 <sup>-0.1</sup> | 12.9 <sup>+0.1</sup> |
| 1.25 ... 2    | 19.4 <sup>-0.1</sup> | 12.9 <sup>+0.1</sup> |
| 2 ... 3       | 19.8 <sup>-0.1</sup> | 12.9 <sup>+0.1</sup> |



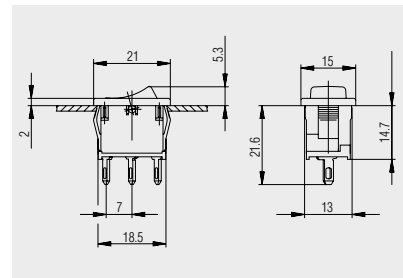
Quick-connect terminal 4.8 x 0.8  
basic type 1800



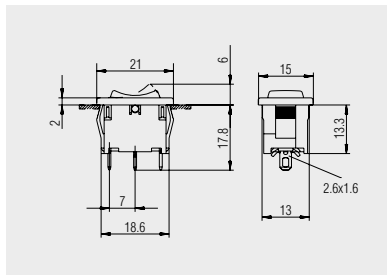
Quick-connect terminal 4.8 x 0.8  
basic type 1808



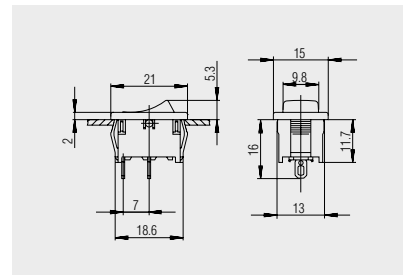
Quick-connect terminal 4.8 x 0.8  
basic types 1801 and 1803



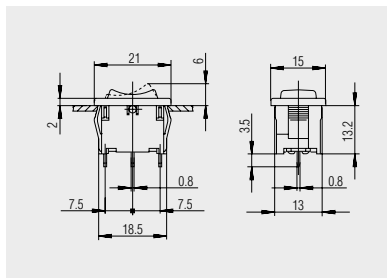
Solder terminal  
basic type 1800



Solder terminal  
basic type 1808



Solder terminal  
basic types 1801 and 1803



PCB terminal  
basic type 1808

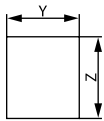


# SERIES 1800 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

TO 12 (4) A 250 V AC

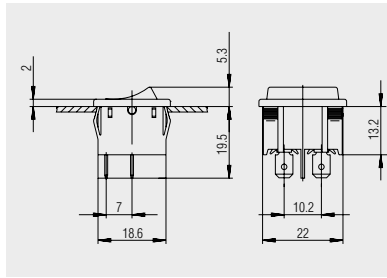


Basic types 1802, 1804 and 1805 double-pole illuminated / non-illuminated

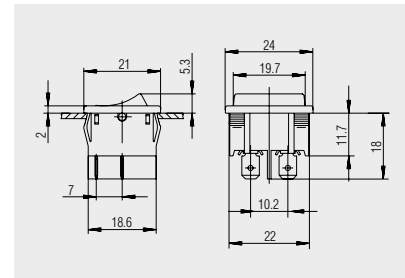


X = Wall thickness

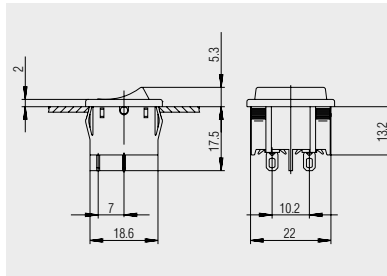
| x             | y                    | z                    |
|---------------|----------------------|----------------------|
| 0.75 ... 1.25 | 19.2 <sup>-0.1</sup> | 21.9 <sup>+0.1</sup> |
| 1.25 ... 2    | 19.4 <sup>-0.1</sup> | 21.9 <sup>+0.1</sup> |
| 2 ... 3       | 19.8 <sup>-0.1</sup> | 21.9 <sup>+0.1</sup> |



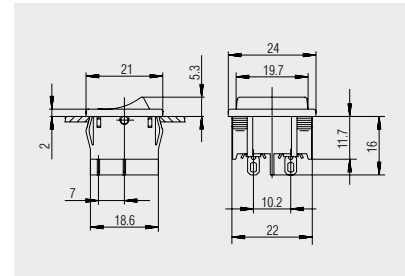
Quick-connect terminal 4.8 x 0.8 basic type 1805



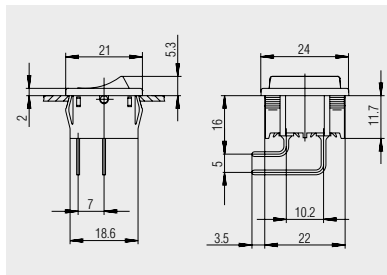
Quick-connect terminal 4.8 x 0.8 basic types 1802 and 1804



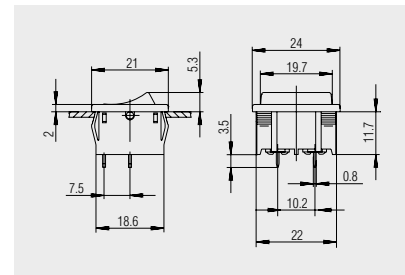
Solder terminal basic type 1805



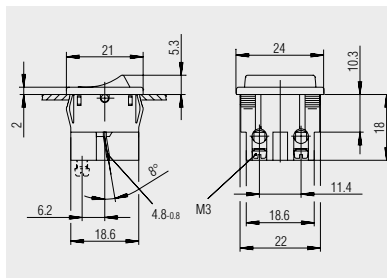
Solder terminal basic types 1802 and 1804



PCB terminal angled



PCB terminal basic types 1802 and 1804



Terminal 1 2 Quick-connect terminal 4.8 x 0.8 Terminal 1a 2a Socket terminal M3 1802.3102

ROCKERSWITCHES

PUSHBUTTON SWITCHES

TOGGLE SWITCHES

SLIDE SWITCHES

ROTARY SWITCHES

FOOT SWITCHES

TACT AND KEY SWITCHES

SNAP-ACTION SWITCHES

MICRO-SIGNAL SWITCHES

SENSORS

ECO

PUSH'N'DRIVE

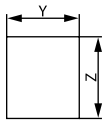


# SERIES 1800 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

TO 12 (4) A 250 V AC

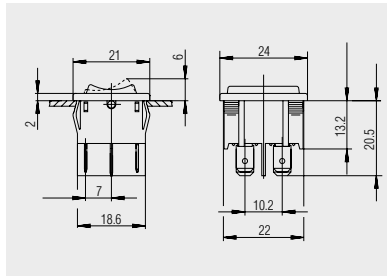


Basic type 1809  
double-pole  
non-illuminated

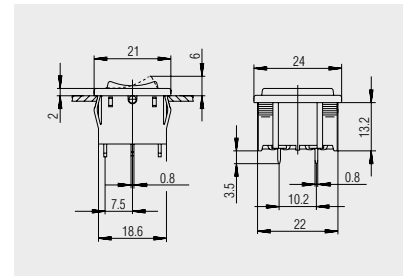


X = Wall thickness

| x             | y                    | z                    |
|---------------|----------------------|----------------------|
| 0.75 ... 1.25 | 19.2 <sup>-0.1</sup> | 21.9 <sup>+0.1</sup> |
| 1.25 ... 2    | 19.4 <sup>-0.1</sup> | 21.9 <sup>+0.1</sup> |
| 2 ... 3       | 19.8 <sup>-0.1</sup> | 21.9 <sup>+0.1</sup> |



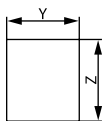
Quick-connect terminal 4.8 x 0.8



PCB terminal

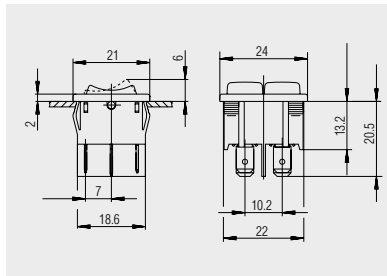


Basic type 1806  
combination

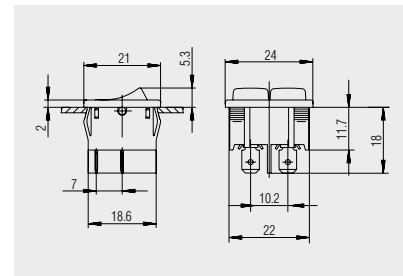


X = Wall thickness

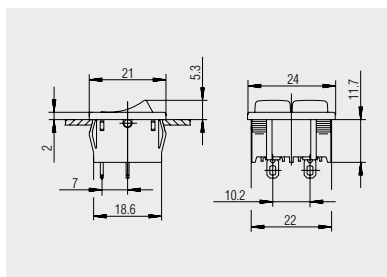
| x             | y                    | z                    |
|---------------|----------------------|----------------------|
| 0.75 ... 1.25 | 19.2 <sup>-0.1</sup> | 21.9 <sup>+0.1</sup> |
| 1.25 ... 2    | 19.4 <sup>-0.1</sup> | 21.9 <sup>+0.1</sup> |
| 2 ... 3       | 19.8 <sup>-0.1</sup> | 21.9 <sup>+0.1</sup> |



Quick-connect terminal 4.8 x 0.8  
1806.1102



Quick-connect terminal 4.8 x 0.8  
1806.1602

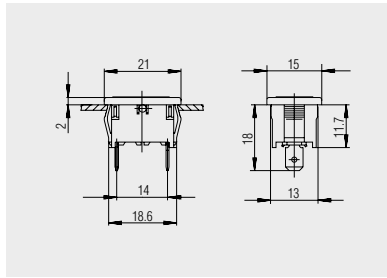


Solder terminal  
1806.6108




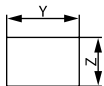
# SERIES 1800 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

TO 12 (4) A 250 V AC



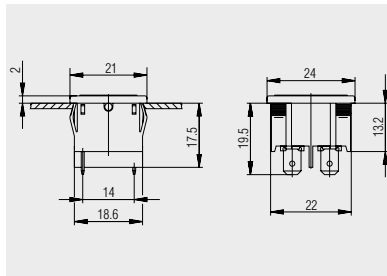
Basic type 1807  
lamp

 Quick-connect terminal 4.8 x 0.8




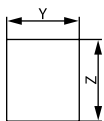
X = Wall thickness

| x             | y                    | z                    |
|---------------|----------------------|----------------------|
| 0.75 ... 1.25 | 19.2 <sup>-0.1</sup> | 12.9 <sup>+0.1</sup> |
| 1.25 ... 2    | 19.4 <sup>-0.1</sup> | 12.9 <sup>+0.1</sup> |
| 2 ... 3       | 19.8 <sup>-0.1</sup> | 12.9 <sup>+0.1</sup> |



Basic type 1807  
lamp

 Quick-connect terminal 4.8 x 0.8



X = Wall thickness

| x             | y                    | z                    |
|---------------|----------------------|----------------------|
| 0.75 ... 1.25 | 19.2 <sup>-0.1</sup> | 21.9 <sup>+0.1</sup> |
| 1.25 ... 2    | 19.4 <sup>-0.1</sup> | 21.9 <sup>+0.1</sup> |
| 2 ... 3       | 19.8 <sup>-0.1</sup> | 21.9 <sup>+0.1</sup> |

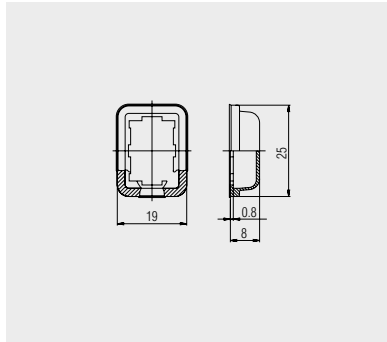


# SERIES 1800 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

TO 12 (4) A 250 V AC



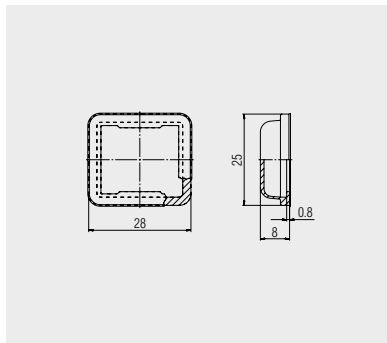
Protection cap  
203.089.011



Transparent PVC-protection cap for single-pole switches of basic types 1800, 1801, 1803 and 1808. Serves as dust and water protection of the actuation side.



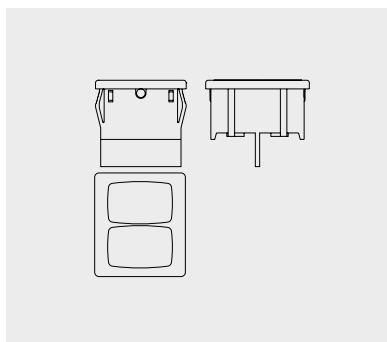
Protection cap  
203.090.011



Transparent PVC-protection cap for double-pole switches of basic types 1802, 1804, 1805 and 1809. Serves as dust and water protection of the actuation side.



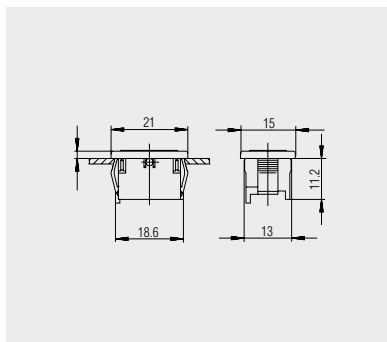
Dummy piece  
203.086.013



Dummy piece for size of basic type 1802, 1804, 1805, 1806, 1807 and 1809 made of PA with window and housing in black

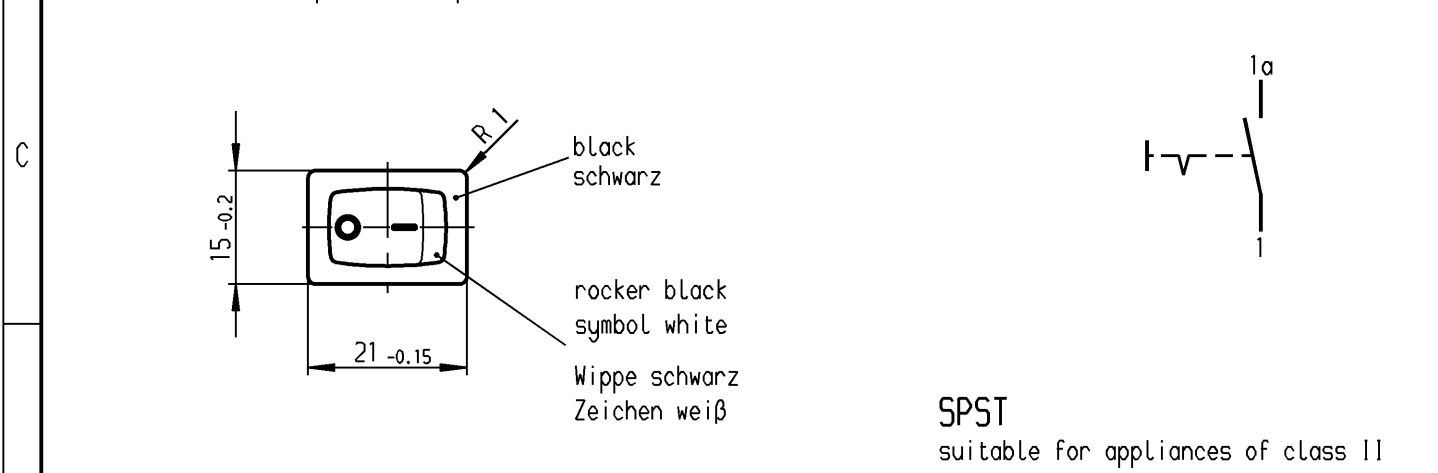
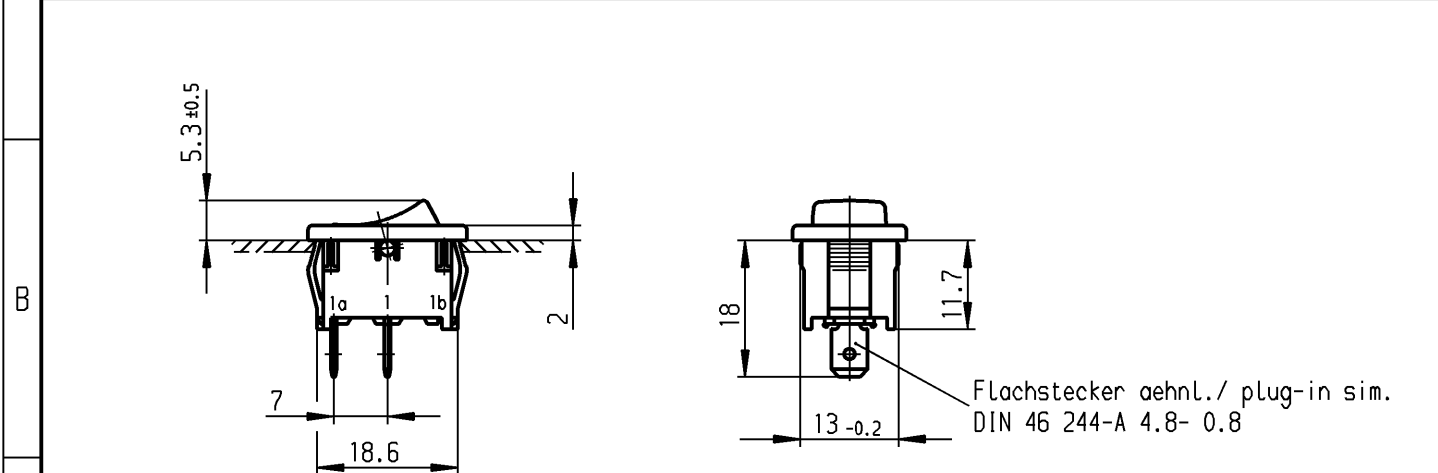


Dummy piece  
203.007.013  
203.007.023 - V0 material



Dummy piece for size of basic type 1800, 1801, 1803, 1807, 1808, 1811, 1813, 1818, 1846, 1850 and 1858 made of PA with window and housing in black

|   |   |   |                                      |                                      |
|---|---|---|--------------------------------------|--------------------------------------|
|   | 1   | 2   | 3                                    | 4                                    |
|   | recommended cut-out for snap-in fixing<br>( edge opposite to snap-in direction )<br>Empfohlener Ausschnitt für Rastbefestigung<br>( Grat gegenüber Bestückungsseite ) | wall thickness<br>Wanddicke                           | length of cut-out<br>Ausschnittlänge | width of cut-out<br>Ausschnittbreite |
| A |   | 0.75 to / bis 1.25<br>1.25 to / bis 2<br>2 to / bis 3 | 19.2 -0.1<br>19.4 -0.1<br>19.8 -0.1  | 12.9 +0.1<br>12.9 +0.1<br>12.9 +0.1  |



**Marking  
Aufschrift**

Ⓜ  
18..  
6(4)/250~5E4 T100/55  
10(4)/250~  
5/50A 250V~

**SPST**  
suitable for appliances of class II

**Ausschalter 1-polig**  
Für Geräte der Klasse II geeignet

**VERTRAULICH-CONFIDENTIAL**

Ⓢ Alle Rechte bei Marquardt GmbH, auch fuer den Fall von Schutzrechtsanmeldungen. Jede Veruegungsbefugnis, wie Kopier- und Weitergaberecht, bei uns.

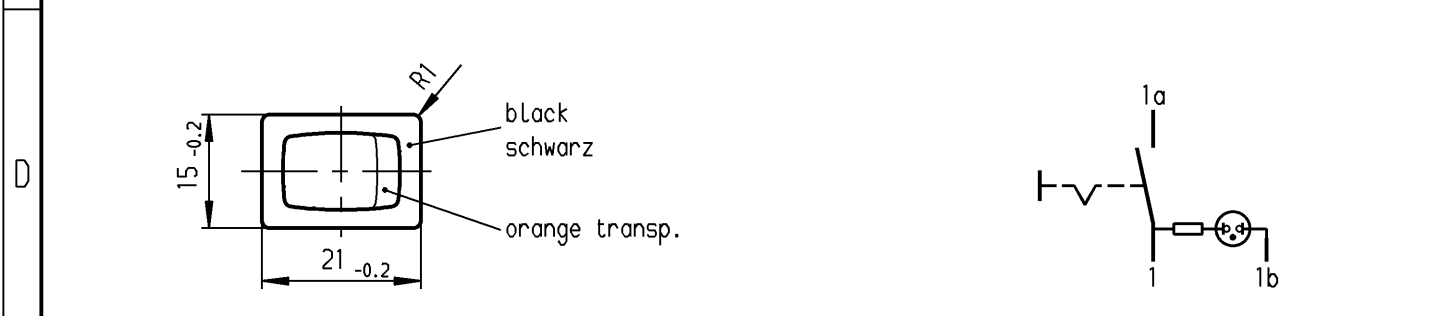
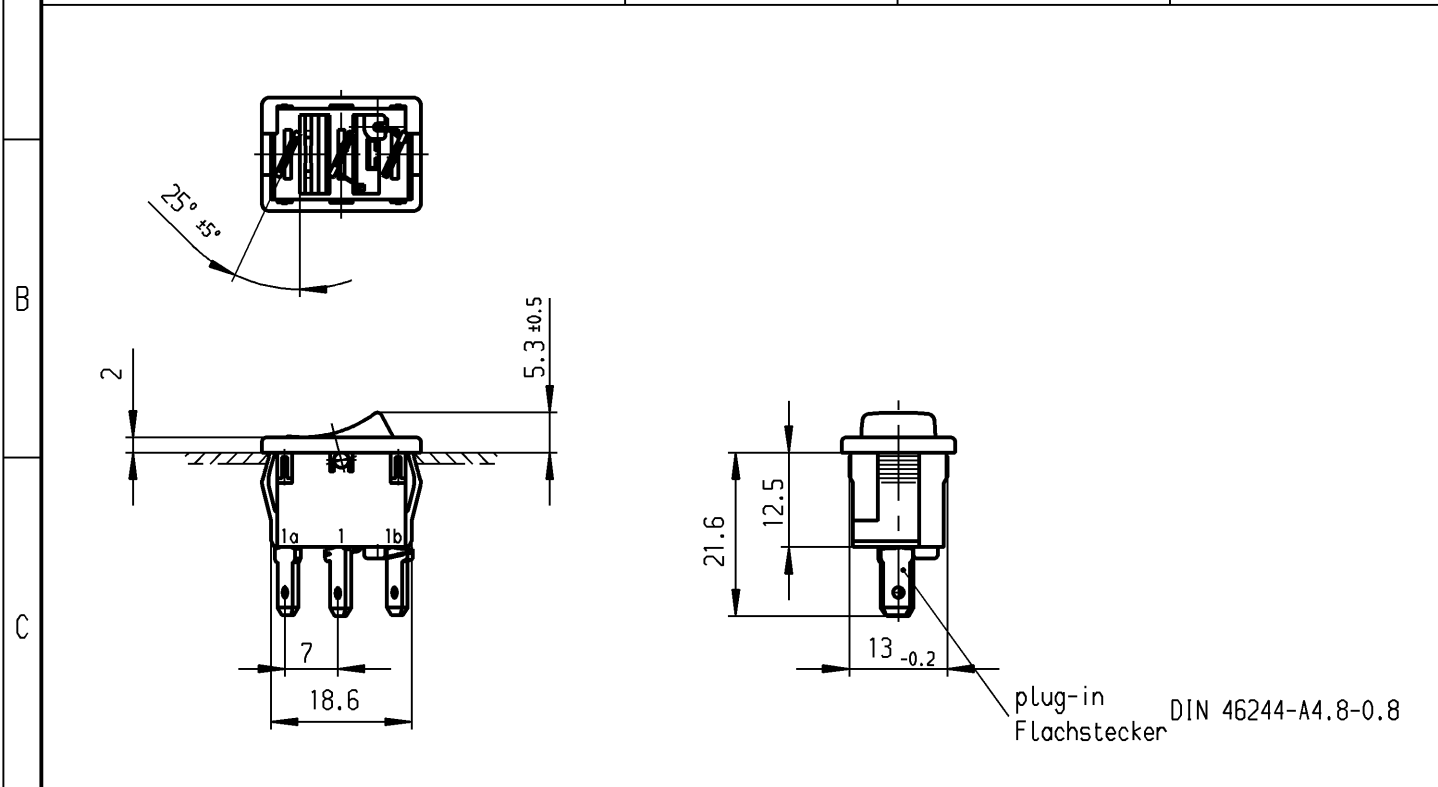
Ⓢ This document is the exclusive property of Marquardt GmbH. Without our consent, it may not be reproduced or given to third parties.

On box: 1801.1146  
Auf Verpackung: 11000743A

Diese Unterlage ist geistiges Eigentum der Marquardt GmbH. Schutzvermerk nach DIN 34 beachten. Copyright reserved.

|   |  |  |  |                   |  |                 |  |                            |  |                     |  |  |  |
|---|--|--|--|-------------------|--|-----------------|--|----------------------------|--|---------------------|--|--|--|
| Für Form und Lage<br>FOR SHAPE AND LOC. |  | Allgemeintoleranzen<br>UNTOLERANCED DIMENSIONS |  | Pause<br>COPY     |  | Blatt<br>SHEET  |  | Typ                        |  | Zeichn./DRAWING NO. |  | Index  |  |
| Für Winkel<br>FOR ANGLE ± 2°            |  | Abmasse und Nennmassbereiche<br>Angaben in mm  |  | Laengen<br>LENGTH |  | Radien<br>RADII |  | Original<br>DIN            |  | Maßstab<br>SCALE    |  | K  |  |
| PROJECTION                              |  | ALL DIMENSIONS ARE IN MILLIMETRES              |  | 0-6 ± 0.2         |  | ± 0.2           |  | A4                         |  | 1:1                 |  | 1801.1146  |  |
| c 25088                                 |  | 24.06.97 sig                                   |  | g                 |  |                 |  | 0 10 20 30 mm              |  | Appliance Switch    |  |  |  |
| b 17979                                 |  | 11.05.87 hs                                    |  | f                 |  |                 |  | CAD Medusa                 |  | Z                   |  | Geräteschalter   |  |
| a                                       |  |  |  | e 43724           |  | 19.07.05 vor    |  | gez./DRAWN BY 24.06.97 sig |  |                     |  |  |  |
|   |  |  |  | d 32554           |  | 11.04.02 sig    |  | gepr./CHECKED BY kiz       |  |                     |  |  |  |
| Ausg. ISSUE                             |  | Änderung REVISION                              |  | gez. DRAWN BY     |  | Ausg. ISSUE     |  | Änderung REVISION          |  | gez. DRAWN BY       |  | Ersatz für/REPLACEMENT OF<br>Zchnng.gl.Nr.v.18.05.83   |  |
|   |  |  |  |                   |  |                 |  |                            |  |                     |  | MARQUARDT<br>Marquardt GmbH, D-78604 Rietheim-Weilheim |  |

|   |   |                             |                                      |                                      |
|---|---|-----------------------------|--------------------------------------|--------------------------------------|
|   | 1   | 2                           | 3                                    | 4                                    |
| A | recommended cut-out for snap-in fixing<br>( edge opposite to snap-in direction )<br>Empfohlener Ausschnitt für Rastbefestigung<br>( Grat gegenüber Bestückungsseite ) | wall thickness<br>Wanddicke | Length of cut-out<br>Ausschnittlänge | width of cut-out<br>Ausschnittbreite |
|   |   | 0.75 to / bis 1.25          | 19.2 $-0.1$                          | 12.9 $+0.1$                          |
|   |   | 1.25 to / bis 2             | 19.4 $-0.1$                          | 12.9 $+0.1$                          |
|   |   | 2 to / bis 3                | 19.8 $-0.1$                          | 12.9 $+0.1$                          |



E

Marking  
Aufschrift

1800.  
6(4)/250~ 5E4 T100/55 6A 250V AC 1/2HP R87

05

1b 230V~ 1 1a

SPST  
neon lamp with R<sub>v</sub> for 230V AC  
suitable for appliances of class II

Ausschalter 1-polig  
Glimmlampe mit R<sub>v</sub> für 230V~  
Für Geräte der Klasse II geeignet

Diese Unterlage ist geistiges Eigentum der Marquardt GmbH. Schutzvermerk nach DIN 34 beachten. Copyright reserved.

|   |                      |  |   |                      |                  |                            |                 |   |                                    |       |
|---|----------------------|--|---|----------------------|------------------|----------------------------|-----------------|---|------------------------------------|-------|
| Für Form und Lage<br>FOR SHAPE AND LOC. | ☉ ≡                  | Allgemeintoleranzen<br>UNTOLERANCED DIMENSIONS |   |                      | Pause<br>COPY    | Blatt<br>SHEET             |                 | Typ<br>K  | Zeichn./DRAWING NO.<br>1800.1104   | Index |
|   |                      | PROJECTION                                     | Abmasse und Nennmassbereiche<br>Angaben in mm | Laengen<br>LENGTH    |                  | Radien<br>RADII            | Original<br>DIN |   |                                    |       |
| Für Winkel<br>FOR ANGLE<br>± 2°         |                      |  | ALL DIMENSIONS<br>ARE IN<br>MILLIMETRES       | 0-6 ± 0.2            | ± 0.2            | A4                         | 1:1             | 0 10 20 30 mm   | Appliance Switch<br>Geräteschalter |       |
|   |                      |  | >6-15 ± 0.2                                   | ±                    | >15-30 ± 0.4     |                            |                 |   |                                    |       |
|   |                      |  |   | >30-70 ± 0.6         | ± 10%            |                            |                 |   |                                    |       |
|   |                      |  |   | >70-120 ±            |                  |                            |                 |   |                                    |       |
|   |                      |  |   | >120-200 ±           |                  |                            |                 |   |                                    |       |
| c                                       | 15826                | 29.03.84 Rie                                   | g   |                      |                  | CAD Medusa                 | Z               | Ersatz für/REPLACEMENT OF<br>Zeichng. gl. Nr. v.27.10.80      |                                    |       |
| b                                       |                      |  | f   |                      |                  | gez./DRAWN BY 13.11.00 Mut |                 |   |                                    |       |
| a                                       |                      |  | e   |                      |                  | gepr./CHECKED BY mej       |                 |   |                                    |       |
|   |                      |  | d   | 29972                | 13.11.00 Mut     |                            |                 | <b>MARQUARDT</b><br>Marquardt GmbH, D-78604 Rietheim-Weilheim |                                    |       |
| Ausg.<br>ISSUE                          | Änderung<br>REVISION | gez.<br>DRAWN BY                               | Ausg.<br>ISSUE                                | Änderung<br>REVISION | gez.<br>DRAWN BY |                            |                 |   |                                    |       |