



SERIES 1855 - MINIATURE DOUBLE-POLE ROCKER SWITCHES

TO 4 (1) A 250 V AC






PRODUCT FEATURES

- Illuminated rocker switches
- Different lamp variants
- Powerful with 50 000 mechanical switching cycles
- Caulked terminals for reliable plugging of the receptacles

ON REQUEST




















- Other colors
- Other printing variants
- Other terminal types
- Other lamp variants
- Cable assembly

| | |
|---|---|
| Mechanical life endurance | 5E4 |
| 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 ... +85 °C actuating side -20 °C ... +55 °C |
| Flammability | UL 94 V-2 |
| Glow wire test temperature | 850 °C |
| Material | actuator PA housing PA terminals silver plated |
| Plug force of the terminals | ≤ 80 N |
| Approval marks |  /  /  |
| Suitable for appliances of protection class II | |



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TO 4 (1) A 250 V AC

|  double-pole | Lighting voltage (V) | Actuator color / printing | Housing color | 4 (1) A 250 V AC 1E4 | | | Terminal type | Terminal description | Contact distance (mm) | Contact material | EN 60335 cap. 30 conform "G" | Stock version |
|--|----------------------|---|---------------|----------------------|----------------------|----------------------|---|----------------------|-----------------------|------------------|------------------------------|---------------|
| | | | | | 6 A 125 V AC 1/10 HP | 4 A 250 V AC 1/10 HP | | | | | | |
| ON / OFF switch (DPST) | | | | | | | | | | | | |
| 1855.0102 | 230 |  | | ○ | | ○ |  | | ≥ 3 | Ag | | ○ |
| 1855.0108 | 230 |  | | ○ | | ○ |  | | ≥ 3 | Ag | | ○ |
| 1855.1102 | 230 |  | | ○ | | ○ |  | 4.8 | ≥ 3 | Ag | | ○ |
| 1855.1104 | 230 |  | | ○ | | ○ |  | 4.8 | ≥ 3 | Ag | | ○ |
| 1855.1108 | 230 |  | | ○ | | ○ |  | 4.8 | ≥ 3 | Ag | | ○ |
| 1855.1115 | 230 |  | | ○ | | ○ |  | 4.8 | ≥ 3 | Ag | ○ | |
| 1855.1118 | 230 |  | | ○ | | ○ |  | 4.8 | ≥ 3 | Ag | ○ | |
| 1855.1122 | 110 |  | | | ○ | |  | 4.8 | ≥ 3 | Ag | | |
| 1855.1124 | 110 |  | | | ○ | |  | 4.8 | ≥ 3 | Ag | | |

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

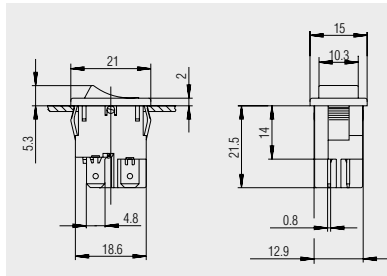


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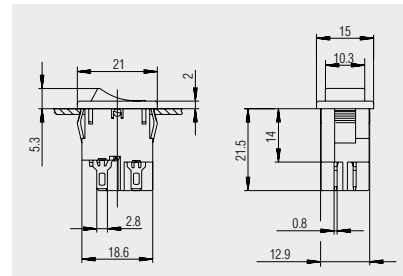
TO 4 (1) A 250 V AC



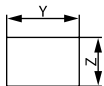
Basic type 1855



Quick-connect terminal 4.8 x 0.8



Solder terminal

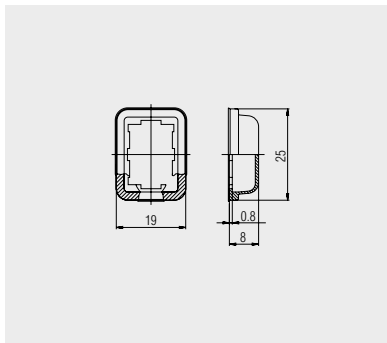


X = Wall thickness

| x | y | z |
|---------------|----------------------|----------------------|
| 0.75 ... 1.25 | 19.2 ^{-0.1} | 12.9 ^{+0.1} |
| 1.25 ... 2 | 19.4 ^{-0.1} | 12.9 ^{+0.1} |
| 2 ... 3 | 19.8 ^{-0.1} | 12.9 ^{+0.1} |



Protection cap
203.089.011



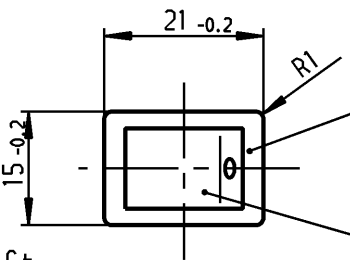
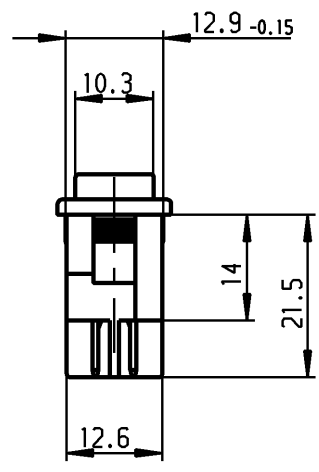
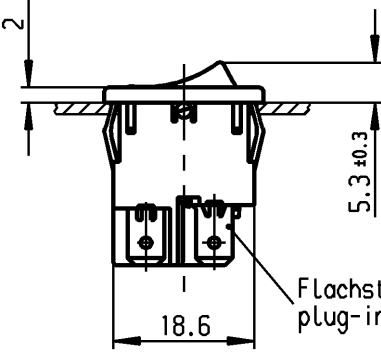
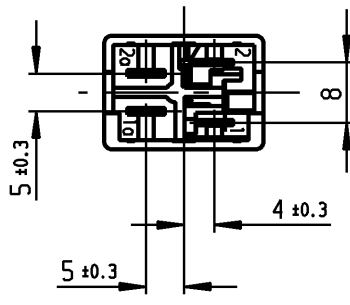
Transparent PVC-protection cap.
Serves as dust and water protection
for the actuating side.

| | | | |
|---|-----------------------------|--------------------------------------|--------------------------------------|
| 1 | 2 | 3 | 4 |
| Empfohlener Ausschnitt für Rastbefestigung (Grat gegenüber Bestückungsseite) recommended cut-out for snap-in fixing (edge opposite to snap-in direction) | Wanddicke wall thickness | Ausschnittlänge length of cut-out | Ausschnittbreite width of cut-out |
| | 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 |

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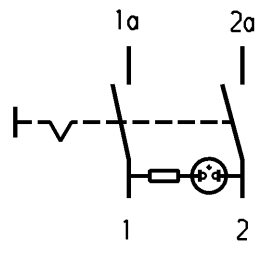
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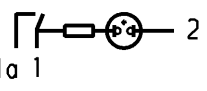
schwarz
black

Wippe rot transp.
Zeichen weiß
rocker red transp.
symbol white



Aufschrift
Marking

1855.
6A 125V AC
1/10 HP
R53



Herstellort/-jahr/-monat nach
code of manufacture
place/year/month acc. to:
DIN EN 60062

Ausschalter 2polig
Glimmlampe mit R_V für 115 V ~
Für Geräte der Klasse II geeignet

DPST
neon lamp with R_V for 115V AC
suitable for appliances of class II

Schutzvermerk
nach DIN 34 beachten
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| | | | | | | | | | | |
|--|---|--------------------------|--------------|-------------------|---------------|---|-------------|---------------------|-------------------------------------|--|
| Allgemeintoleranzen/UNTOLERANCED DIMENSIONS | | | | PROJECTION | | Pause COPY | Blatt SHEET | Zeichn./DRAWING NO. | | |
| Für Längen und Radien FOR LENGTHS AND RADII. | Abmaße in mm für Nennmaßbereich in mm ALL DIMENSIONS ARE IN MILLIMETRES | | | | | 0 10 20 30 mm | Original | Maßstab SCALE 1:1 | K 1855.1124 | |
| | bis/UP TO 6 | über/OVER 6 bis/UP TO 30 | über/OVER 30 | | | | DIN A4 | | | |
| | ± 0.2 | 0.4 | | | | | | | | |
| d | 63303 | 28.05.09 | hhe | i | | | | | Geraeteschalter Appliance Switch | |
| c | 23451 | 05.07.95 | R5 | h | | | | | | |
| b | 22297 | 29.06.93 | Mut | g | | gez./DRAWN BY 29.06.93 Mut | | | | |
| a | 16760 | 08.07.85 | Hs | f | | gepr./CHECKED BY Lr | | | | |
| | | | | e | 66876 | 21.01.10 | hhe | | | MARQUARDT Marquardt, D-78604 Riethem-Weilheim |
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