

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 5E4 (basic types 1808 and 1809) |
| Inrush current (capacitive) | 50 A 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) actuating side -20 °C ... +55 °C |
| Flammability | UL 94 V-2 UL 94 V-0 (product-dependent) |
| Glow wire test temperature | 850 °C |
| Material | actuator PA / PC housing PA terminals silver plated / tinned / gold plated |
| Plug force of the terminals | ≤ 80 N |
| Approval marks | |
| Suitable for appliances of protection class II | |



ROCKER SWITCHES

PUSHBUTTON SWITCHES

TOGGLE SWITCHES

SLIDE SWITCHES

ROTARY SWITCHES

FOOT SWITCHES

FACT AND KEY SWITCHES




































SNAP-ACTION SWITCHES

MICRO-SIGNAL SWITCHES

SENSORS


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 | 1801.1146 | |
|--|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Lighting voltage in V | | 230 | 230 | 230 | 230 | 230 | | | | | | | | | | |
| Actuator color / printing | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Housing color | | Black | Black | Black | Black | Black | Black | Black | Black | Black | Black | Black | Black | White | 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 | 4.8 | 4.8 | 4.8 | | | 4.8 | 4.8 | 4.8 | 4.8 | |
| Inrush current (capacitive) in A | | | | | | | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 50 | 50 | 50 | 50 | |
| Contact distance in mm | | ≥ 3 | ≥ 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 | Ag | |
| EN 60335 cap. 30 conform "G" | | | | | | | | | | | • | • | | | | | | |
| Miscellaneous | | sealing plate | sealing plate | | | | | | snap-on rocker | | | | | | | | | |
| Stock version | | • | | | | • | • | • | | • | • | • | | • | • | • | • | |

SERIES 1800 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

TO 12 (4) A 250 V AC

|  single-pole | ON / OFF switch (SPST) | | | | | | | | | | Normally closed contact (SPNC) | | Normally open contact (SPNO) | |
|--|------------------------|----------------------|-----------|-------------------------|-------------------------|-----------|-----------|-----------|-----------|-----------|--------------------------------|-----------|------------------------------|-----------|
| | 1801.1403 | 1801.1601 | 1801.2106 | 1801.2402 | 1801.2702 | 1801.5102 | 1801.6101 | 1801.6102 | 1801.6115 | 1801.1151 | 1801.1302 | 1801.1303 | 1801.6222 | 1801.1202 |
| Lighting voltage in 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) in A | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | | | | | |
| Contact distance in mm | ≥ 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 | terminals 30° angled | | installation depth 13.2 | installation depth 28.1 | | | | | | | | | |
| Stock version | • | | • | | | • | • | • | • | • | | • | • | |

ROCKER SWITCHES

PUSHBUTTON SWITCHES

TOGGLE SWITCHES

SLIDE SWITCHES

ROTARY SWITCHES

FOOT SWITCHES

FACT AND KEY SWITCHES


SNAP-ACTION SWITCHES

MICRO-SIGNAL SWITCHES

SENSORS


SERIES 1800 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

T0 12 (4) A 250 V AC

|  single-pole | Normally open contact (SPNO) | | | | | | | Changeover switch (SPDT) | | | | | | | Changeover switch with OFF position in the center (SPDT - Center OFF) | | | | | | |
|--|------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|--------------------------|-----------|-----------|-----------|-----------|-----------------------------|-------------------------------|---|--|--|--|--|--|--|
| | 1801.2202 | 1803.1102 | 1803.1121 | 1803.2102 | 1803.5102 | 1803.6102 | 1803.6152 | 1808.1101 | 1808.1102 | 1808.1103 | 1808.1112 | 1808.1113 | 1808.1202 | 1808.1302 | | | | | | | |
| Lighting voltage in 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 | | | | | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | | | | | | | |
| Inrush current (capacitive) in A | | | | | | | | | | | | | | | | | | | | | |
| Contact distance in mm | | ≥ 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 | | | | | | | |
| EN 60335 cap. 30 conform "G" | | | | | | | | | | • | | | | | | | | | | | |
| Miscellaneous | | | | | | | | | | | | | momentary function one side | momentary function both sides | | | | | | | |
| Stock version | | | • | • | • | | • | | • | • | | • | • | | | | | | | | |

SERIES 1800 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

TO 12 (4) A 250 V AC

|  | | Changeover switch with OFF position in the center (SPDT - Center OFF) | | | | | | | | Changeover switch (SPDT momentary) | | | |
|---|--|---|--|-------------------------|-----------|-----------|-----------------------------|-------------------------------|-----------|------------------------------------|-----------|-----------|-----------|
| | | 1808.2102 | 1808.2302 | 1808.2704 | 1808.6102 | 1808.6103 | 1808.6202 | 1808.6302 | 1808.1152 | 1808.1353 | 1803.6222 | 1803.1202 | 1803.1252 |
| Lighting voltage in 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 | | 4.8 | 4.8 |
| Inrush current (capacitive) in A | | | | | | | | | | | | | |
| Contact distance in mm | | < 3 | < 3 | < 3 | < 3 | < 3 | < 3 | < 3 | < 3 | < 3 | ≥ 3 | ≥ 3 | ≥ 3 |
| Contact material | | Ag | Ag | Ag | Ag | Ag | Ag | Ag | Au | Au | Ag | Ag | Au |
| EN 60335 cap. 30 conform "G" | | | | | | | | | | | | | |
| Miscellaneous | | PCB timed | PCB timed momentary function both sides | installation depth 29.6 | | | momentary function one side | momentary function both sides | | momentary function both sides | | | |
| Stock version | | ● | ● | | ● | ● | | ● | | | ● | ● | |

ROCKER SWITCHES

PUSHBUTTON SWITCHES

TOGGLE SWITCHES

SLIDE SWITCHES

ROTARY SWITCHES

FOOT SWITCHES

FACT AND KEY SWITCHES


SNAP-ACTION SWITCHES

MICRO-SIGNAL SWITCHES

SENSORS


SERIES 1800 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

TO 12 (4) A 250 V AC

|  double-pole | ON / OFF switch (DPST) | | | | | | | | | | | | | | | |
|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---|---|-----------|-----------|-----------|-------------------------|----------------------|-----------|-----------|-----------|-----------|
| | 1805.6102 | 1805.6108 | 1805.7104 | 1805.7109 | 1805.7110 | 1805.7112 | 1805.7118 | 1802.1121 | 1802.1123 | 1802.1136 | 1802.2504 | 1802.3311 | 1802.6123 | 1802.1101 | 1802.1102 | 1802.1108 |
| Lighting voltage in V | 230 | 230 | 230 | 230 | 230 | 110 -230 | 110 -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 | 4.8 | 4.8 | 4.8 | 4.3 long | 4.8 75° angled M3 | | 4.8 | 4.8 | 4.8 |
| Inrush current (capacitive) in A | 50 | 50 | 50 | 50 | 50 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 50 | 50 | 50 |
| Contact distance in mm | ≥ 3 | ≥ 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 | 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

|  | | ON / OFF switch (DPST) | | | | | Normally open contact (DPNO) | Changeover switch (DPDT) | | | | Changeover switch with OFF position in the center (DPDT - Center OFF) | | |
|---|--|------------------------|-----------|-----------|-----------|-----------|------------------------------|--------------------------|--------------------|-----------|-----------|---|-----------|-------------------------------|
| | | 1802.2102 | 1802.2104 | 1802.3102 | 1802.5103 | 1802.6152 | 1802.1221 | 1804.1102 | 1804.1125 | 1804.2102 | 1804.6121 | 1809.1102 | 1809.1202 | 1809.1302 |
| Lighting voltage in 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 M3 | | | 4.8 | 4.8 | 1 mm longer 4.8 | | 4.8 | 4.8 | 4.8 | |
| Inrush current (capacitive) in A | | 50 | 50 | 50 | 50 | | | | | | | | | |
| Contact distance in 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 | Ag |
| EN 60335 cap. 30 conform "G" | | | | | | | | | | | | | | |
| Miscellaneous | | | | | | | | | | | | momentary function one side | | momentary function both sides |
| Stock version | | • | • | • | • | | • | • | • | • | • | • | • | • |

ROCKER SWITCHES
PUSHBUTTON SWITCHES
TOGGLE SWITCHES
SLIDE SWITCHES
ROTARY SWITCHES
FOOT SWITCHES
FACT AND KEY SWITCHES
SNAP-ACTION SWITCHES
MICRO-SIGNAL SWITCHES
SENSORS

SERIES 1800 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

TO 12 (4) A 250 V AC

|  double-pole | | Changeover switch with OFF position in the center (DPDT - Center OFF) | | Changeover switch (DPDT momentary) | |
|--|--|---|---|---|---|
| | | 1809.2101 | 1809.2102 | 1804.1225 | 1804.2202 |
| Lighting voltage in 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 | | | | 1 mm longer 4,8 | |
| Inrush current (capacitive) in A | | | | | |
| Contact distance in mm | | < 3 | < 3 | ≥ 3 | ≥ 3 |
| Contact material | | Ag | Ag | Ag | Ag |
| EN 60335 cap. 30 conform "G" | | | | | |
| Miscellaneous | | PCB timed | PCB timed | | |
| 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

SERIES 1800 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

TO 12 (4) A 250 V AC

| Combination  | ON / OFF switch (SPST) / Lamp | | Lamp / Changeover switch (SPDT momentary) | | ON / OFF switch (SPST) | | Normally open contact (SPNO) / Changeover switch (SPDT) | | Changeover switch with OFF position in the center (SPDT - Center OFF) | |
|--|---|-----|---|----|---|---|---|---|---|---|
| | 1806.1402 | 230 | 1806.1909 | 28 | 1806.1102 | 1806.6108 | 1806.2054 | 1806.1602 | | |
| Lighting voltage in 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 | | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 |
| Inrush current (capacitive) in A | | | | | | | | | | |
| Contact distance in mm | ≥ 3 | | ≥ 3 | | ≥ 3 | ≥ 3 | ≥ 3 | ≥ 3 | ≥ 3 | < 3 |
| Contact material | Ag | | Ag | | Ag | Ag | Au | 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

FACT AND KEY SWITCHES

SNAP-ACTION SWITCHES

MICRO-SIGNAL SWITCHES

SENSORS

SERIES 1800 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

TO 12 (4) A 250 V AC

|  Lamp | Lamp | 1807.1102 | 1807.1108 | 1807.1126 | 1807.6103 | 1807.1115 | 1807.1111 | 1806.1508 |
|---|-----------------------|---|---|---|---|---|---|---|
| | Lighting voltage in V | | 230 | 230 | 230 | 230 | 28 | 18 |
| 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 |
| Inrush current (capacitive) in A | | | | | | | | |
| Contact distance in mm | | | | | | | | |
| Contact material | | | | | | | | |
| EN 60335 cap. 30 conform "G" | | | | | | | | |
| Miscellaneous | | VDE | VDE | VDE | size basic type 1805 VDE | 40 mA VDE | 40 mA VDE | |
| Stock version | | ● | ● | | | | | |

ROCKER SWITCHES

PUSHBUTTON SWITCHES

TOGGLE SWITCHES

SLIDE SWITCHES

ROTARY SWITCHES

FOOT SWITCHES

TACT AND KEY SWITCHES

SNAP-ACTION SWITCHES

MICRO-SIGNAL SWITCHES

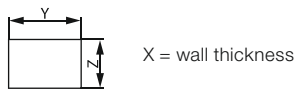
SENSORS

SERIES 1800 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

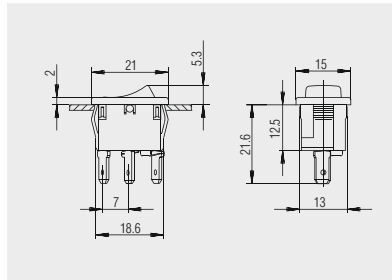
TO 12 (4) A 250 V AC



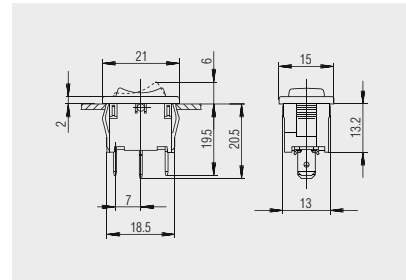
Basic types 1800, 1801, 1803
and 1808
single-pole
illuminated / non-illuminated



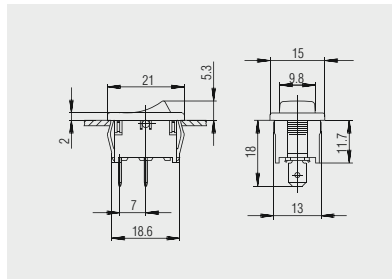
| X | Y | Z |
|---------------|----------------------|----------------------|
| 0.75 ... 1.25 | 19.2 ^{-0.1} | 12.9 ^{+0.1} |
| 1.25 ... 2 | 19.4 ^{-0.1} | 12.9 ^{+0.1} |
| 2 ... 3 | 19.8 ^{-0.1} | 12.9 ^{+0.1} |



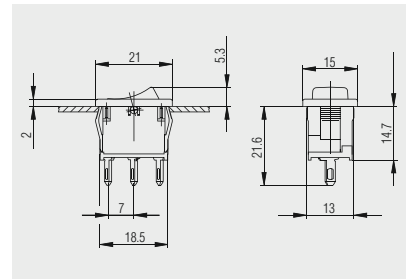
Quick-connect terminal 4.8 x 0.8
basic type 1800



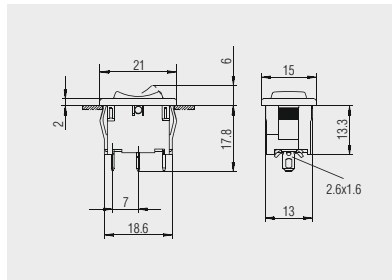
Quick-connect terminal 4.8 x 0.8
basic type 1808



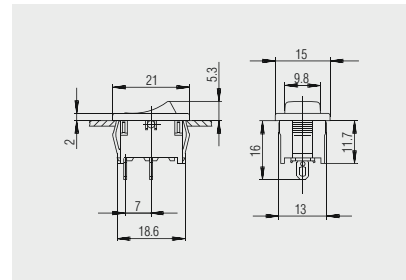
Quick-connect terminal 4.8 x 0.8
basic types 1801 and 1803



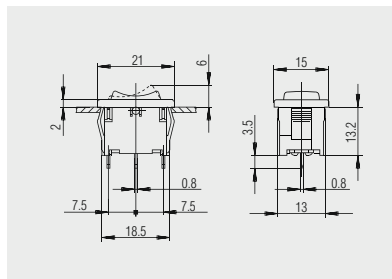
Solder terminal
basic type 1800



Solder terminal
basic type 1808



Solder terminal
basic types 1801 and 1803



PCB terminal
basic type 1808

ROCKER SWITCHES

PUSHBUTTON SWITCHES

TOGGLE SWITCHES

SLIDE SWITCHES

ROTARY SWITCHES

FOOT SWITCHES

FACT AND KEY SWITCHES

SNAP-ACTION SWITCHES

MICRO-SIGNAL SWITCHES

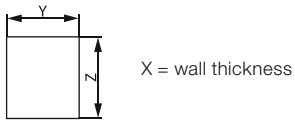
SENSORS

SERIES 1800 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

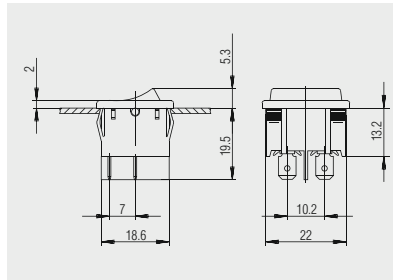
TO 12 (4) A 250 V AC



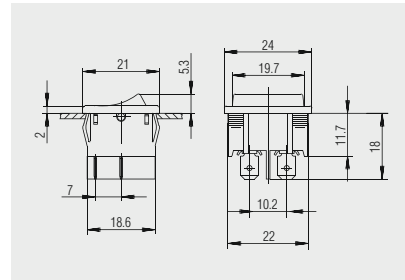
Basic types 1802, 1804 and 1805
double-pole
illuminated / non-illuminated



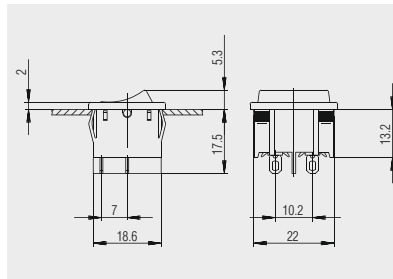
| X | Y | Z |
|---------------|----------------------|----------------------|
| 0.75 ... 1.25 | 19.2 ^{-0.1} | 21.9 ^{+0.1} |
| 1.25 ... 2 | 19.4 ^{-0.1} | 21.9 ^{+0.1} |
| 2 ... 3 | 19.8 ^{-0.1} | 21.9 ^{+0.1} |



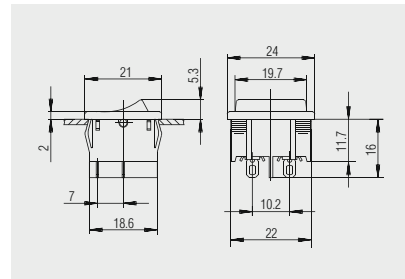
Quick-connect terminal 4.8 x 0.8
basic type 1805



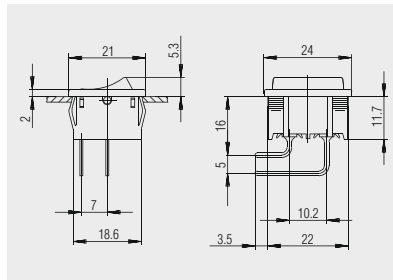
Quick-connect terminal 4.8 x 0.8
basic types 1802 and 1804



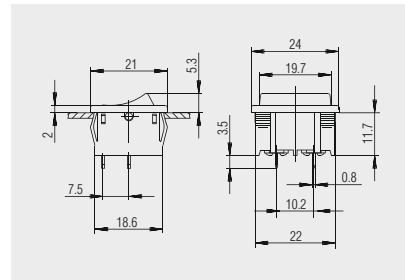
Solder terminal
basic type 1805



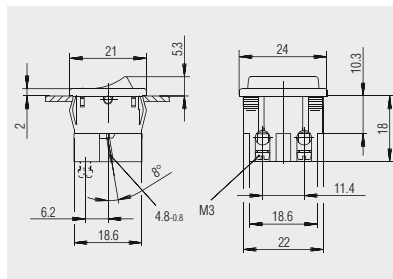
Solder terminal
basic types 1802 and 1804



PCB terminal angled



PCB terminal
basic types 1802 and 1804



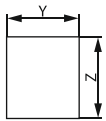
Terminal 1 2
Quick-connect terminal 4.8 x 0.8
Terminal 1a 2a
Socket terminal M3
1802.3102

SERIES 1800 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

TO 12 (4) A 250 V AC

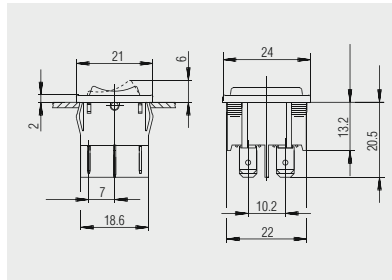


Basic type 1809
double-pole
non-illuminated

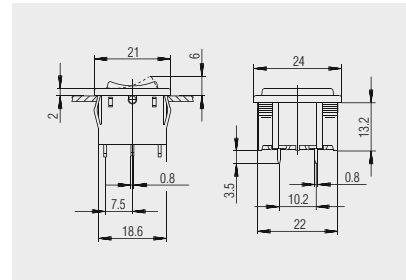


X = wall thickness

| X | Y | Z |
|---------------|----------------------|----------------------|
| 0.75 ... 1.25 | 19.2 ^{-0.1} | 21.9 ^{+0.1} |
| 1.25 ... 2 | 19.4 ^{-0.1} | 21.9 ^{+0.1} |
| 2 ... 3 | 19.8 ^{-0.1} | 21.9 ^{+0.1} |



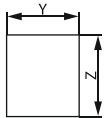
Quick-connect terminal 4.8 x 0.8



PCB terminal

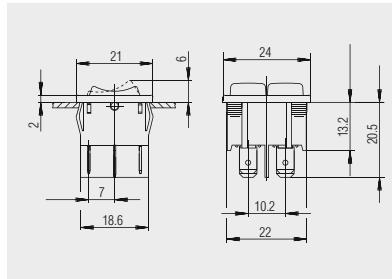


Basic type 1806
combination

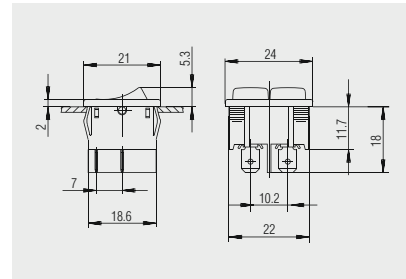


X = wall thickness

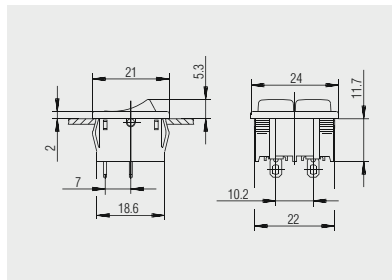
| X | Y | Z |
|---------------|----------------------|----------------------|
| 0.75 ... 1.25 | 19.2 ^{-0.1} | 21.9 ^{+0.1} |
| 1.25 ... 2 | 19.4 ^{-0.1} | 21.9 ^{+0.1} |
| 2 ... 3 | 19.8 ^{-0.1} | 21.9 ^{+0.1} |



Quick-connect terminal 4.8 x 0.8
1806.1602



Quick-connect terminal 4.8 x 0.8
1806.2054 and 1806.1102



Solder terminal
1806.6108

ROCKER SWITCHES

PUSHBUTTON SWITCHES

TOGGLE SWITCHES

SLIDE SWITCHES

ROTARY SWITCHES

FOOT SWITCHES

FACT AND KEY SWITCHES

SNAP-ACTION SWITCHES

MICRO-SIGNAL SWITCHES

SENSORS

SERIES 1800 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

T0 12 (4) A 250 V AC

ROCKER SWITCHES

PUSHBUTTON SWITCHES

TOGGLE SWITCHES

SLIDE SWITCHES

ROTARY SWITCHES

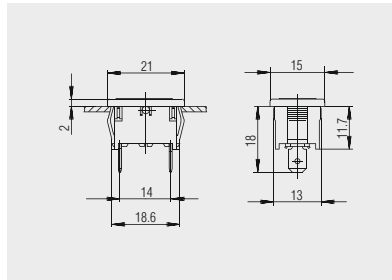
FOOT SWITCHES

FACT AND KEY SWITCHES

SNAP-ACTION SWITCHES

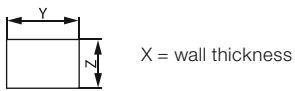
MICRO-SIGNAL SWITCHES

SENSORS

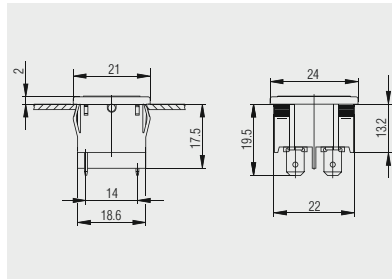


Basic type 1807 lamp

Quick-connect terminal 4.8 x 0.8

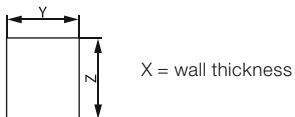


| X | Y | Z |
|---------------|-----------|-----------|
| 0.75 ... 1.25 | 19.2 -0.1 | 12.9 +0.1 |
| 1.25 ... 2 | 19.4 -0.1 | 12.9 +0.1 |
| 2 ... 3 | 19.8 -0.1 | 12.9 +0.1 |

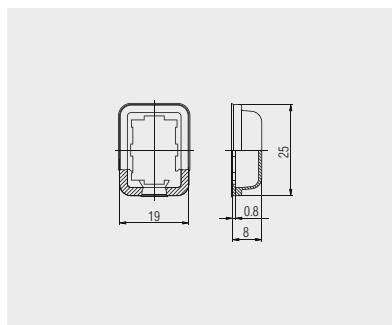


Basic type 1807 lamp

Quick-connect terminal 4.8 x 0.8



| X | Y | Z |
|---------------|-----------|-----------|
| 0.75 ... 1.25 | 19.2 -0.1 | 21.9 +0.1 |
| 1.25 ... 2 | 19.4 -0.1 | 21.9 +0.1 |
| 2 ... 3 | 19.8 -0.1 | 21.9 +0.1 |



Protection cap
203.089.011

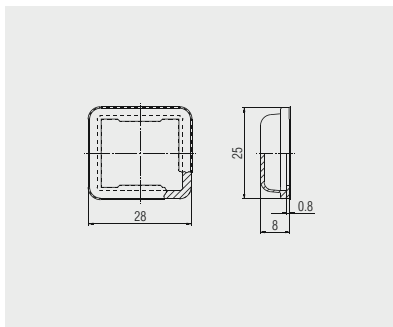
Transparent PVC - protection cap for single-pole switches of basic types 1800, 1801, 1803 and 1808. Serves as dust and water protection of the actuation side.

SERIES 1800 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

T0 12 (4) A 250 V AC



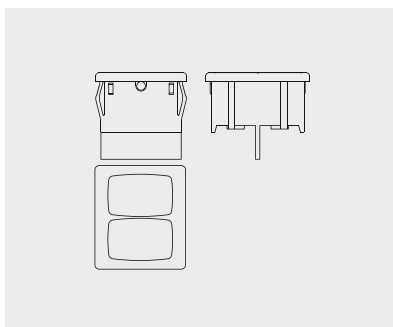
Protection cap
203.090.011



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.



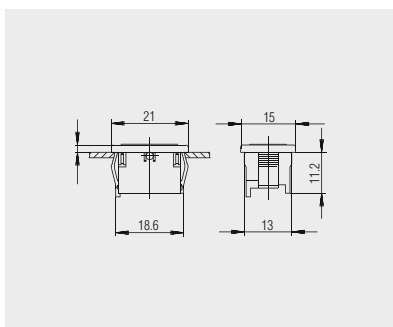
Dummy piece
203.007.013 - black
203.007.023 - blue gray



Dummy piece for size of basic type 1807 of PA



Dummy piece
203.086.013



Dummy piece for size of basic type 1806 of PA with window and housing in black

ROCKER SWITCHES

PUSHBUTTON SWITCHES

TOGGLE SWITCHES

SLIDE SWITCHES

ROTARY SWITCHES

FOOT SWITCHES

FACT AND KEY SWITCHES

SNAP-ACTION SWITCHES

MICRO-SIGNAL SWITCHES

SENSORS

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



Тел: +7 (812) 336 43 04 (многоканальный)

Email: org@lifeelectronics.ru