

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 | 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 | ≥ 3 | ≥ 3 | ≥ 3 | ≥ 3 | ≥ 3 |
| Contact material | Ag | Ag | Ag | Ag | Ag | Ag | Ag | Ag | Ag | Au | Ag | 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 | ● | | ● | | | ● | ● | ● | ● | ● | | ● | ● | ● |

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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 | < 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 | | • | • | • | • | | • | • | • | • | • | • | • | • | |

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SERIES 1800 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

TO 12 (4) A 250 V AC

|  | | 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 | |
| Inrush current (capacitive) in A | | | | | | | | | | |
| Contact distance in mm | ≥ 3 | | ≥ 3 | | ≥ 3 | ≥ 3 | ≥ 3 | ≥ 3 | < 3 | |
| Contact material | Ag | | Ag | | Ag | Ag | Au | 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

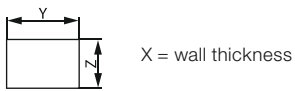
SENSORS

SERIES 1800 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

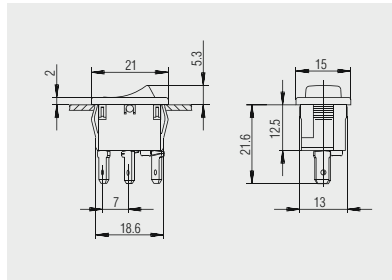
TO 12 (4) A 250 V AC



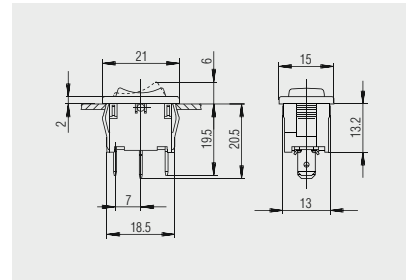
Basic types 1800, 1801, 1803
and 1808
single-pole
illuminated / non-illuminated



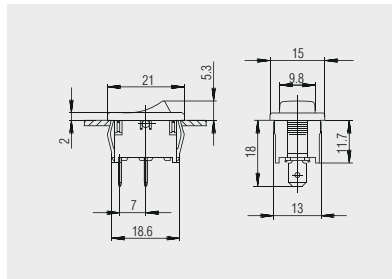
| X | Y | Z |
|---------------|----------------------|----------------------|
| 0.75 ... 1.25 | 19.2 ^{-0.1} | 12.9 ^{+0.1} |
| 1.25 ... 2 | 19.4 ^{-0.1} | 12.9 ^{+0.1} |
| 2 ... 3 | 19.8 ^{-0.1} | 12.9 ^{+0.1} |



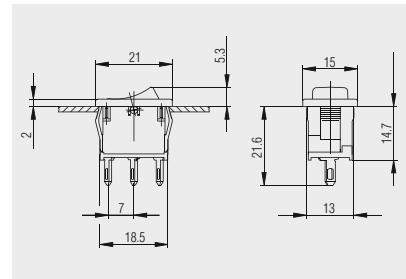
Quick-connect terminal 4.8 x 0.8
basic type 1800



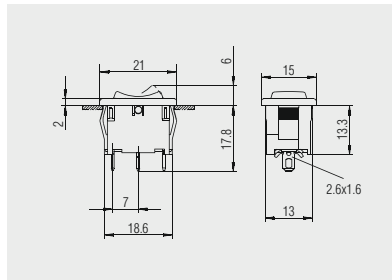
Quick-connect terminal 4.8 x 0.8
basic type 1808



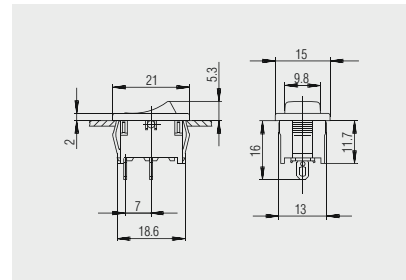
Quick-connect terminal 4.8 x 0.8
basic types 1801 and 1803



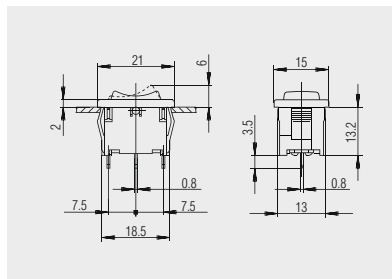
Solder terminal
basic type 1800



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

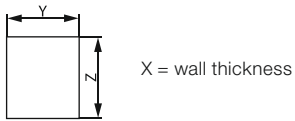
SENSORS

SERIES 1800 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

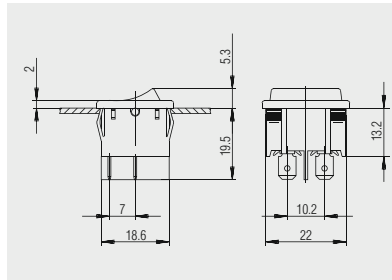
TO 12 (4) A 250 V AC



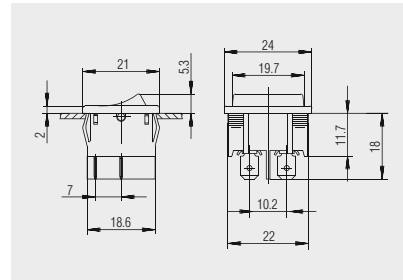
Basic types 1802, 1804 and 1805
double-pole
illuminated / non-illuminated



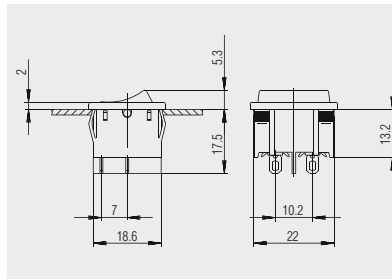
| X | Y | Z |
|---------------|----------------------|----------------------|
| 0.75 ... 1.25 | 19.2 ^{-0.1} | 21.9 ^{+0.1} |
| 1.25 ... 2 | 19.4 ^{-0.1} | 21.9 ^{+0.1} |
| 2 ... 3 | 19.8 ^{-0.1} | 21.9 ^{+0.1} |



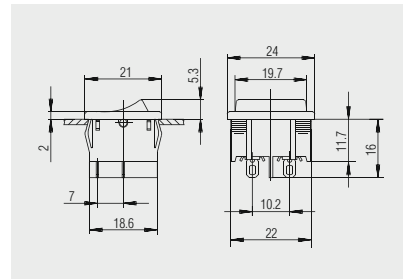
Quick-connect terminal 4.8 x 0.8
basic type 1805



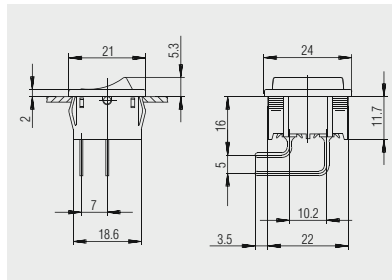
Quick-connect terminal 4.8 x 0.8
basic types 1802 and 1804



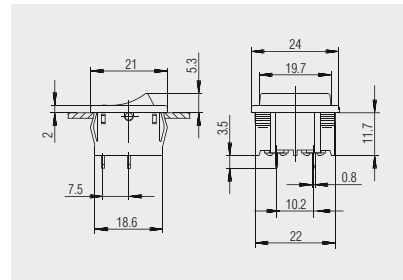
Solder terminal
basic type 1805



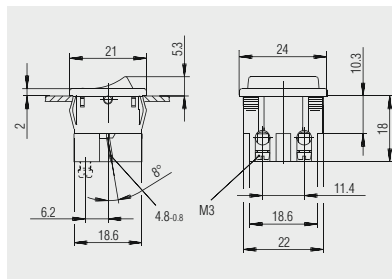
Solder terminal
basic types 1802 and 1804



PCB terminal angled



PCB terminal
basic types 1802 and 1804



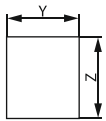
Terminal 12
Quick-connect terminal 4.8 x 0.8
Terminal 1a 2a
Socket terminal M3
1802.3102

SERIES 1800 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

TO 12 (4) A 250 V AC

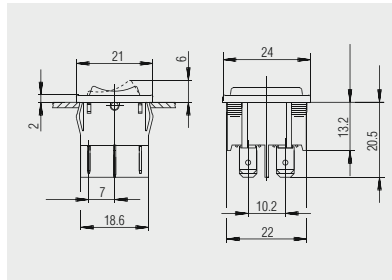


Basic type 1809
double-pole
non-illuminated

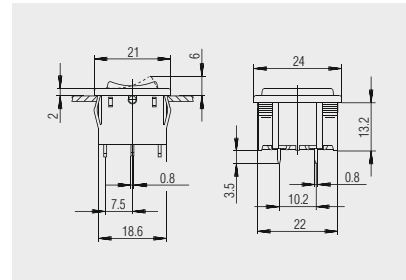


X = wall thickness

| 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} |



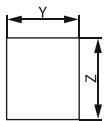
Quick-connect terminal 4.8 x 0.8



PCB terminal

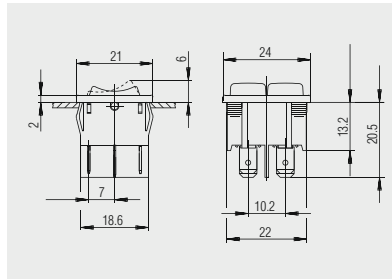


Basic type 1806
combination

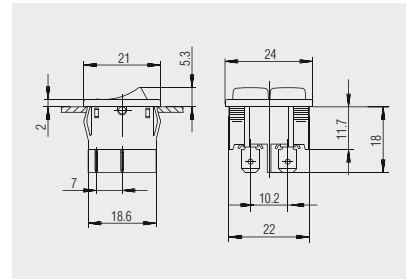


X = wall thickness

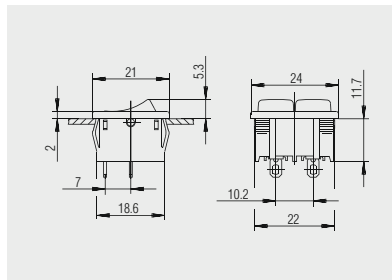
| X | Y | Z |
|---------------|----------------------|----------------------|
| 0.75 ... 1.25 | 19.2 ^{-0.1} | 21.9 ^{+0.1} |
| 1.25 ... 2 | 19.4 ^{-0.1} | 21.9 ^{+0.1} |
| 2 ... 3 | 19.8 ^{-0.1} | 21.9 ^{+0.1} |



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

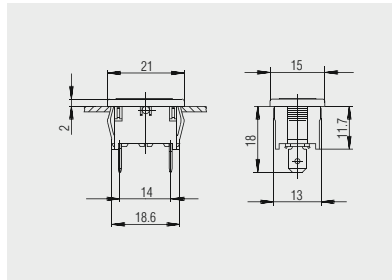
FOOT SWITCHES

FACT AND KEY SWITCHES

SNAP-ACTION SWITCHES

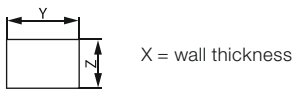
MICRO-SIGNAL SWITCHES

SENSORS

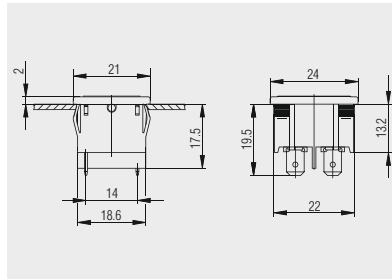


Basic type 1807 lamp

Quick-connect terminal 4.8 x 0.8

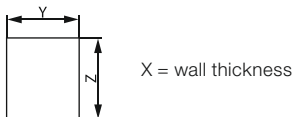


| X | Y | Z |
|---------------|-----------|-----------|
| 0.75 ... 1.25 | 19.2 -0.1 | 12.9 +0.1 |
| 1.25 ... 2 | 19.4 -0.1 | 12.9 +0.1 |
| 2 ... 3 | 19.8 -0.1 | 12.9 +0.1 |

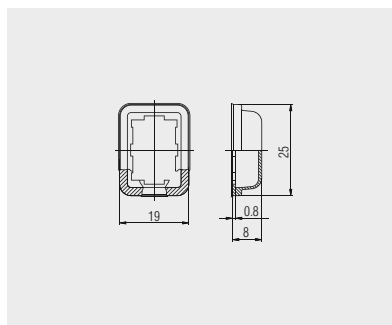


Basic type 1807 lamp

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

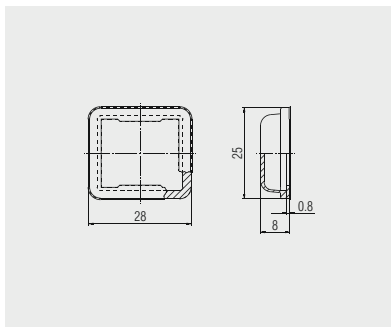
Transparent PVC - protection cap for single-pole switches of basic types 1800, 1801, 1803 and 1808. Serves as dust and water protection of the actuation side.

SERIES 1800 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

T0 12 (4) A 250 V AC



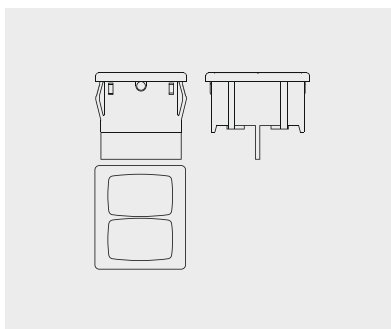
Protection cap
203.090.011



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.



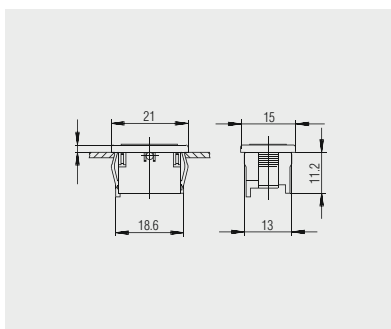
Dummy piece
203.007.013 - black
203.007.023 - blue gray



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 «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

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