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Euroflex Security Products

The Euroflex range includes the following security products covering magnetic contacts, junction boxes, final exit buttons and key operated pass switches.

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CP911 & CP902; cap 25mm dia. body 19mm dia*15mm

CP800 / CP900 Series

1. Magnetic Contacts - Flush Fitting Plastic

All types of contact are the same in size and appearance, high impact polystyrene. All contacts are individually tested and packed. Fixing pins are included. The wiring connections vary as detailed in the table below:

| Type | Connections | OP Gap | Switch Detail |
|--------|--------------|--------|---|
| CP821 | 5 terminals | 15mm | Single reed switch, normally open, form A Reed switch held closed by magnet Maximum current: 500mA Maximum power: 10 Watts Maximum voltage: 50 Volts <i>For closed circuit applications</i> |
| CP921 | 5 terminals | 17mm | |
| CP911 | 4 wires | 15mm | P Maximum current: 500mA Maximum power: 10 Watts Maximum voltage: 50 Volts <i>For closed circuit applications</i> |
| CP901 | 4 wires | 17mm | |
| CP902 | 4 core cable | 17mm | P |
| CP911B | 4 wires | 17mm | P Two reed switches, normally open, form A Both reed switches held closed by magnet Maximum current: 500mA each switch Maximum power: 10 Watts each switch Maximum voltage: 50 Volts each switch <i>For closed circuit applications</i> |
| CP901B | 4 wires | | |
| CP902B | 4 core cable | | |
| CP921C | 5 terminals | 14mm | p Single reed switch, normally closed, form B Reed switch held open by magnet Maximum current: 300mA Maximum power: 3 Watts Maximum voltage: 50 Volts <i>For open circuit applications</i> |
| CP911C | 4 wires | | |
| CP901C | 4 wires | | |
| CP902C | 4 core cable | | |
| CP901A | 3 wires | 14mm | P Single reed switch, changeover, form C The switch contacts are reversed (changed over) by application / removal of the magnet Maximum current: 300mA Maximum power: 3 Watts Maximum voltage: 50 Volts |
| CP902A | 3 core cable | | |

- 'P' switch and wiring connections are potted in flexible epoxy resin
- 3 and 3 wire connections - 3*7/0.2*0.3 metre
- 4 core connections - 4*7/0.2 sheathes*1.0 metre

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cap 9mm dia.*1mm body 8mm dia.*29mm CP400 Pin fix flange

CP300 / CP400 Series

2. Magnetic Contacts - Flush Fitting Plastic

All types of contact are the same in size and appearance, high impact polystyrene. All contacts are individually tested and packed. The wiring connections vary as detailed in the table below:

| Type | Connections | OP Gap | Switch Detail |
|-------|--------------|--------|---|
| CP321 | 4 wires | 15mm | P Single reed switch, normally open, form A Reed switch held closed by magnet Maximum current: 500mA Maximum power: 10 Watts Maximum voltage: 50 Volts <i>For closed circuit applications</i> |
| CP421 | 4 wires | | |
| CP301 | 4 wires | 15mm | P Maximum current: 500mA Maximum power: 10 Watts Maximum voltage: 50 Volts <i>For closed circuit applications</i> |
| CP401 | 4 wires | | |
| CP302 | 4 core cable | 15mm | P <i>For closed circuit applications</i> |
| CP402 | 4 core cable | | |

| | | | | |
|--------|--------------|------|---|---|
| CP321C | 4 wires | 12mm | P | Single reed switch, normally closed, form B Reed switch held open by magnet Maximum current: 300mA Maximum power: 3 Watts Maximum voltage: 50 Volts For open circuit applications |
| CP421C | 4 wires | | | |
| CP301C | 4 wires | | | |
| CP401C | 4 wires | | | |
| CP302C | 4 core cable | | | |
| CP402C | 4 core cable | | | |
| CP301A | 3 wires | 12mm | P | Single reed switch, changeover, form C The switch contacts are reversed (changed over) by application / removal of the magnet Maximum current: 300mA Maximum power: 3 Watts Maximum voltage: 50 Volts |
| CP401A | 3 wires | | | |
| CP302A | 3 core cable | | | |
| CP402A | 3 core cable | | | |
| | | | | |

- 'P' switch and wiring connections are potted in flexible epoxy resin
- 3 and 3 wire connections - 3*7/0.2*0.3 metre
- 4 core connections - 4*7/0.2 sheathes*1.0 metre

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CP121 cap 37mm*23mm body 19mm dia.*23mm

CP100 / CP200 Series

3. Magnetic Contacts - Flush Fitting Plastic

All types of contact are the same in size and appearance, high impact polystyrene. All contacts are individually tested and packed, fixing screws included. The wiring connections vary as detailed in the table below:

| Type | Connections | OP Gap | | Switch Detail |
|--------|--------------|--------|---|---|
| CP121 | 5 terminals | 15mm | | Single reed switch, normally open, form A Reed switch held closed by magnet Maximum current: 500mA Maximum power: 10 Watts Maximum voltage: 50 Volts For closed circuit applications |
| CP221 | 5 terminals | 17mm | | |
| CP211 | 4 wires | 15mm | P | Single reed switch, normally open, form A Reed switch held closed by magnet Maximum current: 500mA Maximum power: 10 Watts Maximum voltage: 50 Volts For closed circuit applications |
| CP201 | 4 wires | 17mm | | |
| CP202 | 4 core cable | 17mm | P | |
| CP211B | 4 wires | 17mm | P | Two reed switches, normally open, form A Reed switch held closed by magnet Maximum current: 500mA Maximum power: 10 Watts Maximum voltage: 50 Volts For closed circuit applications |
| CP201B | 4 wires | | | |
| CP202B | 4 core cable | | P | |
| CP221C | 5 terminals | 14mm | P | Single reed switch, normally closed, form B The switch is held open by magnet Maximum current: 300mA Maximum power: 3 Watts Maximum voltage: 50 Volts For open circuit applications |
| CP211C | 4 wires | | | |
| CP201C | 4 wires | | | |
| CP202C | 4 core cable | | | |
| CP201A | 3 wires | 14mm | P | Single reed switch, changeover, form C The switch contacts are reversed (changed over) by application / removal of the magnet Maximum current: 300mA Maximum power: 3 Watts Maximum voltage: 50 Volts |
| CP202A | 3 core cable | | | |

- 'P' switch and wiring connections are potted in flexible epoxy resin
- 3 and 3 wire connections - 3*7/0.2*0.3 metre
- 4 core connections - 4*7/0.2 sheathes*1.0 metre

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CP500 / CP600 Series

CP500 / CP600 Series

4. Magnetic Contacts - Surface Mounting Plastic

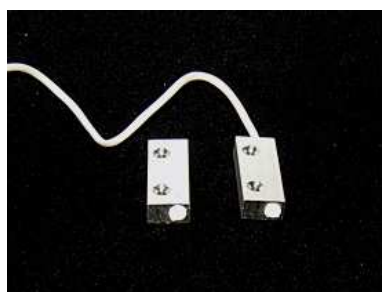
All types of contact are the same in size and appearance, high impact polystyrene. All contacts are individually tested and packed. Fixing screws are included. The wiring connections vary as detailed in the table below:

| Type | Connections | OP Gap | | Switch Detail |
|-------|--------------|--------|---|--|
| CP521 | 5 terminals | 15mm | | Single reed switch, normally open, form A Reed switch held closed by magnet Maximum current: 500mA Maximum power: 10 Watts Maximum voltage: 50 Volts For closed circuit applications |
| CP621 | 5 terminals | 20mm | | |
| CP611 | 4 wires | 15mm | P | Single reed switch, normally open, form A Reed switch held closed by magnet Maximum current: 500mA Maximum power: 10 Watts Maximum voltage: 50 Volts For closed circuit applications |
| CP601 | 4 wires | 20mm | | |
| CP602 | 4 core cable | 20mm | P | |

| | | | | |
|--------|--------------|------|---|--|
| CP621B | 5 terminals | 20mm | | Two reed switches, normally open, form A Both reed switches held closed by magnet Maximum current: 500mA each switch Maximum power: 10 Watts each switch Maximum voltage: 50 Volts each switch For closed circuit applications |
| CP621C | 5 terminals | 15mm | P | Single reed switch, normally closed, form B Reed switch held open by magnet Maximum current: 300mA Maximum power: 3 Watts Maximum voltage: 50 Volts For open circuit applications |
| CP611C | 4 wires | | | |
| CP601C | 4 wires | | | |
| CP602C | 4 core cable | | | |
| CP621A | 5 terminals | 15mm | P | Single reed switch, changeover, form C The switch contacts are reversed (changed over) by application / removal of the magnet Maximum current: 300mA Maximum power: 3 Watts Maximum voltage: 50 Volts |
| CP601A | 3 wires | | | |
| CP602A | 3 core cable | | | |

- 'P' switch and wiring connections are potted in flexible epoxy resin
- 3 and 3 wire connections - 3*7/0.2*0.3 metre
- 4 core connections - 4*7/0.2 sheathes*1.0 metre

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CA205 - 43mm*17mm*10mm

CA200 Series

5. Magnetic Contacts - Surface Mounting Aluminium

All types of contact in the CA200 series are the same in size and appearance as the CA205 opposite. All contacts are individually tested and packed. The CA 203 series is the armoured version. The wiring connections vary as detailed below:

| Type | Connections | OP Gap | | Switch Detail |
|------------------|--------------|--------|---|---|
| CA205 | 4 core cable | 15mm | P | Single reed switch, normally open, form A Reed switch held closed by magnet Maximum current: 500mA Maximum power: 10 Watts Maximum voltage: 50 Volts For closed circuit applications |
| CA203(armoured) | 4 WA | | | |
| CA205C | 4 core cable | 12mm | P | Single reed switch, normally closed, form B Reed switch held open by magnet Maximum current: 300mA Maximum power: 3 Watts Maximum voltage: 50 Volts For open circuit applications |
| CA203C(armoured) | 4 WA | | | |
| CA205A | 4 core cable | 12mm | P | Single reed switch, changeover, form C The switch contacts are reversed (changed over) by application / removal of the magnet Maximum current: 300mA Maximum power: 3 Watts Maximum voltage: 50 Volts |
| CA203A(armoured) | 4 WA | | | |

- 'P' switch and wiring connections are potted in flexible epoxy resin
- 4 core connections - 4*7/0.2 sheathes*1.0 metre
- 4 WA connections - 4*7/0.2 in galvanised steel armouring*0.5 metre

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switch & magnet 70mm*17mm*10mm bracket
30mm*30mm*3mm

CA400 & CA500 Series

6. Magnetic Contacts - Surface Mounting Aluminium Heavy Duty

All types of switches in the CA400 & CA500 series are the same in size and appearance. The CA400 series is available in 30mm & 25mm OP Gap and the CA500 is available in the larger magnet 50mm & 45mm OP Gap. The bracket shown in the picture opposite can be fitted to magnet switch or both. The wiring connections vary as detailed in the table below.

| Type | Connections | OP Gap | | Switch Detail |
|-------|--------------|--------|---|---|
| CA402 | 4 core cable | 30mm | P | Single reed switch, normally open, form A Reed switch held closed by magnet Maximum current: 500mA Maximum power: 10 Watts |
| CA403 | 4 WA | | | |
| CA502 | 4 core cable | 50mm | | |

| | | | | |
|------------------|----------------------|------|---|--|
| CA503 | 4 WA | | | Maximum voltage: 50 Volts For closed circuit applications |
| CA402B CA403B | 4 core cable 4 WA | 30mm | P | Two reed switches, normally open, form A Both reed switches held closed by magnet Maximum current: 500mA each switch Maximum power: 10 Watts each switch Maximum voltage: 50 Volts each switch For closed circuit applications |
| CA502B CA503B | 4 core cable 4 WA | 50mm | | |
| CA402C CA403C | 4 core cable 4 WA | 25mm | P | Single reed switch, normally closed, form B Reed switch held closed by magnet Maximum current: 300mA Maximum power: 3 Watts Maximum voltage: 50 Volts For open circuit applications |
| CA502C CA503C | 4 core cable 4 WA | 45mm | | |
| CA402A CA403A | 3 core cable 3 WA | 25mm | P | Single reed switch, changeover, form C The switch contacts are reversed (changed over) by application / removal of the magnet Maximum current: 300mA Maximum power: 3 Watts Maximum voltage: 50 Volts |
| CA502A CA503A | 3 core cable 3 WA | 45mm | | |

- 'P' switch and wiring connections are potted in flexible epoxy resin
- 4 core connections - 4*7/0.2 sheathes*1.0 metre
- 4 WA connections - 4*7/0.2 in galvanised steel armouring*0.5 metre
- Use products types above with a BK suffix to order the bracket

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switch 135mm*42mm*12mm magnet 60mm*55mm*35mm

CA700 Series

7. Magnetic Contacts - Surface Mounting Roller Shutter

All types of contact in the CA700 series are the same in size and appearance, die-cast aluminium, as the pictured CA701 & CA702 opposite. The wiring connections vary are detailed below:

| Type | Connections | OP Gap | | Switch Detail |
|------------------|----------------------|--------|---|--|
| CA701 | 4 WA | 55mm | P | Single reed switch, normally open, form A Reed switch held closed by magnet Maximum current: 500mA Maximum power: 10 Watts Maximum voltage: 50 Volts For closed circuit applications |
| CA702 | 4 core cable | | | |
| CA701B CA702B | 4 WA 4 core cable | 55mm | P | Two reed switches, normally open, form A Both reed switches held closed by magnet Maximum current: 500mA each switch Maximum power: 10 Watts each switch Maximum voltage: 50 Volts each switch For closed circuit applications |
| CA701C CA702C | 4 WA 4 core cable | 50mm | P | Single reed switch, normally closed, form B Reed switch held closed by magnet Maximum current: 300mA Maximum power: 3 Watts Maximum voltage: 50 Volts For open circuit applications |
| CA701A CA702A | 3 WA 3 core cable | 50mm | P | Single reed switch, changeover, form C The switch contacts are reversed (changed over) by application / removal of the magnet Maximum current: 300mA Maximum power: 3 Watts Maximum voltage: 50 Volts |

- 'P' switch and wiring connections are potted in flexible epoxy resin
- 4 core connections - 4*7/0.2 sheathed x 1.0 metre
- 4 WA connections - 4*7/0.2 in galvanised steel armouring*0.5 metre

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BDCB 92mm*33mm*40mm

JB100 DCJB DCJB/B-Loop

8. Junction Boxes

- Plastic JB 100**
- 6 way junction box
 - Magnetic tamper
 - High impact polystyrene

DCJ/B

- Die Cast box & lid. Back of box machined 1*10mm + 2* 5.0mm diameter holes
- 6 way junction box fitted with magnetic tamper

DCJ/B Loop

- 2 DCJ/B's fitted with 0.5m (or as specified) flexible armour

DCB

- As above, back of box machined as above but without junction box and tamper

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Final Exit Button

9. Final Exit Buttons

SB101 - Die cast surface mount final exit button

FB101 - High impact poly flush mount final exit button

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SK251 92mm*40*43mm & SK253 (right)

SK100 & SK200 Series

10. Key Operated Switches - Surface Mounting

Available in natural die cast aluminium or white gloss finish. Other finishes available on request. Dimensions:

- SK151 - 111mm*60mm*31mm
- SK251 - 92mm*40*43mm

The details of the switches are as follows:

| Type | Key Operation | Switch Detail | Wiring Connections |
|----------------|--|---|--------------------|
| SK151 SK251 | 180 degree key free | Double, pole, changeover 0.5 Amp 10 Watts 50 Volts | screw terminals |
| SK253 SK254 | 60 degree key free 60 degree key retained | Double, pole, changeover 2 Amps 50 Volts | screw terminals |

- All types fitted with magnetic tamper
- 2000 different locks for SK151 & SK251
- 200 different locks for SK253 & SK254
- Two keys supplied
- Variations to the standard specification are possible subject to order quantity
- Also available "Keyed Alike"
- Spare key blanks available

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Euroflex: 30 years of proven performance and reliability

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