

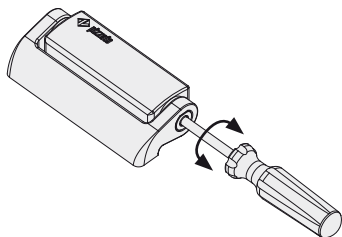
Description



Pizzato Elettrica widens its own range of products with the new HP-HC series of safety hinge switches, where safety and style are melted in one single product.

The electrical switch is completely integrated in the mechanical hinge, to result practically invisible to an inexperienced eye. This guarantees a higher safety because a switch hard to identify is consequently also more difficult to defeat. The assembly without visible screws and the pleasant line, make the switch perfectly integrated also with guards of modern design machinery. In order to complete the offer complementary hinges with purely mechanical functions are available.

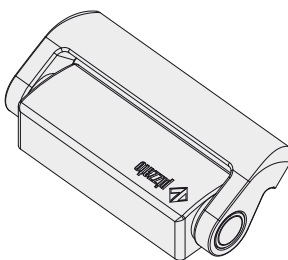
Adjustment of the operating point



The operating point of the switches can be set with a flat-blade screwdriver.

The operating point regulation allows the setting possibility for large guards. After the setting, it's always necessary to seal the hole with the supplied safety seal plug.

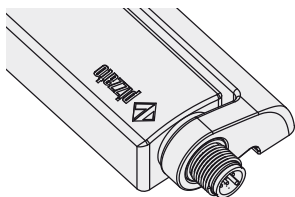
Variations of the activation base angle



New versions with the switch activation angle equal to a multiple of 15° (e.g. 45° or 90°) are available on request.

The different activation angle does not invalidate the possibility to adjust the operating point through the switch adjusting screws. The variation of the operating angle does not alter the switch maximum mechanical travel.

Integrated M12 connector

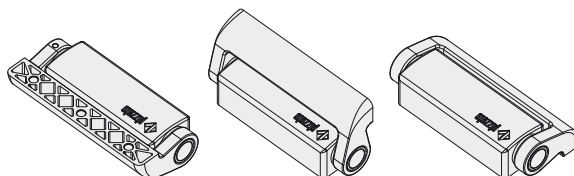


Versions with connection from the top or the bottom are available with integrated M12 connector.

The application of versions with connector allows a faster wiring when it's necessary to move guards from test line to final user.

Opening angle up to 180°

The mechanical design of the switch allows the application also on protections up to 180° opening angle.



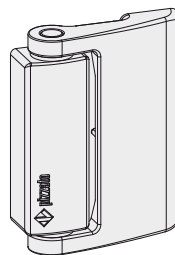
Protection degrees IP67 and IP69K

IP69K
IP67

These devices are designed to be used in the toughest environmental conditions and they pass the IP67 immersion test acc. to IEC 60529. They can therefore be used in all environments where the maximum protection of the housing is required. Special

measures also allow devices to be used even in machines which are subjected to washing with high pressure warm water jets. In fact these devices pass the IP69K test according to ISO 20653, using jets of water to 100 atmospheres at a temperature of 80°C.

Versions for glass or polycarbonate doors

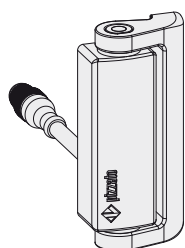


It's available a variation of the switch shape specifically designed for glass and polycarbonate doors without frame.

The wider supporting arm and the spaced fixing points facilitate the installation and prevent the cracking caused by holes too near the guard edge.

However, it is necessary to verify that the door mechanical stop is not performed by the switch.

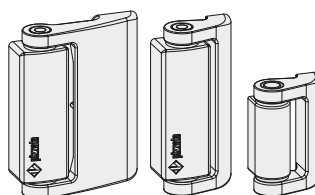
Cable with connector at the back



The version with a rear cable and M12 connector is the best combination between aesthetics and connection ease.

When machineries have to be assembled by the final customer, this solution allows to hide the wiring and at the same time to easily connect or disconnect it from inside the machinery.

Additional hinges



To complete installation, various types of additional hinges are available, varying in numbers depending on the protection guard weight.

These hinges keep the same aesthetics and without the electrical part their price is lower.

Application examples



- Switch without supports
- Rear fixing
- Cable output, rear



- Switch with angular supports for profiles with slots
- Fixing with internal screws
- Connector output, bottom



One Way safety screws
page 295

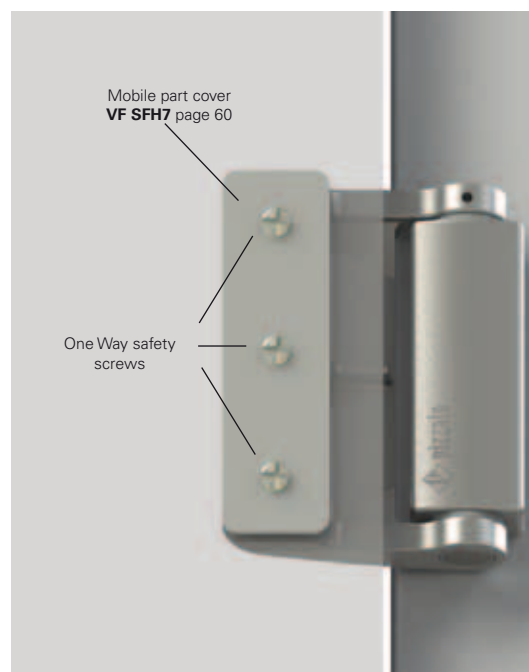
One Way safety screws
page 295

- Switch with plane supports for profiles with slots
- Fixing with front screws.
- Cable output, bottom

Closed door



Open door

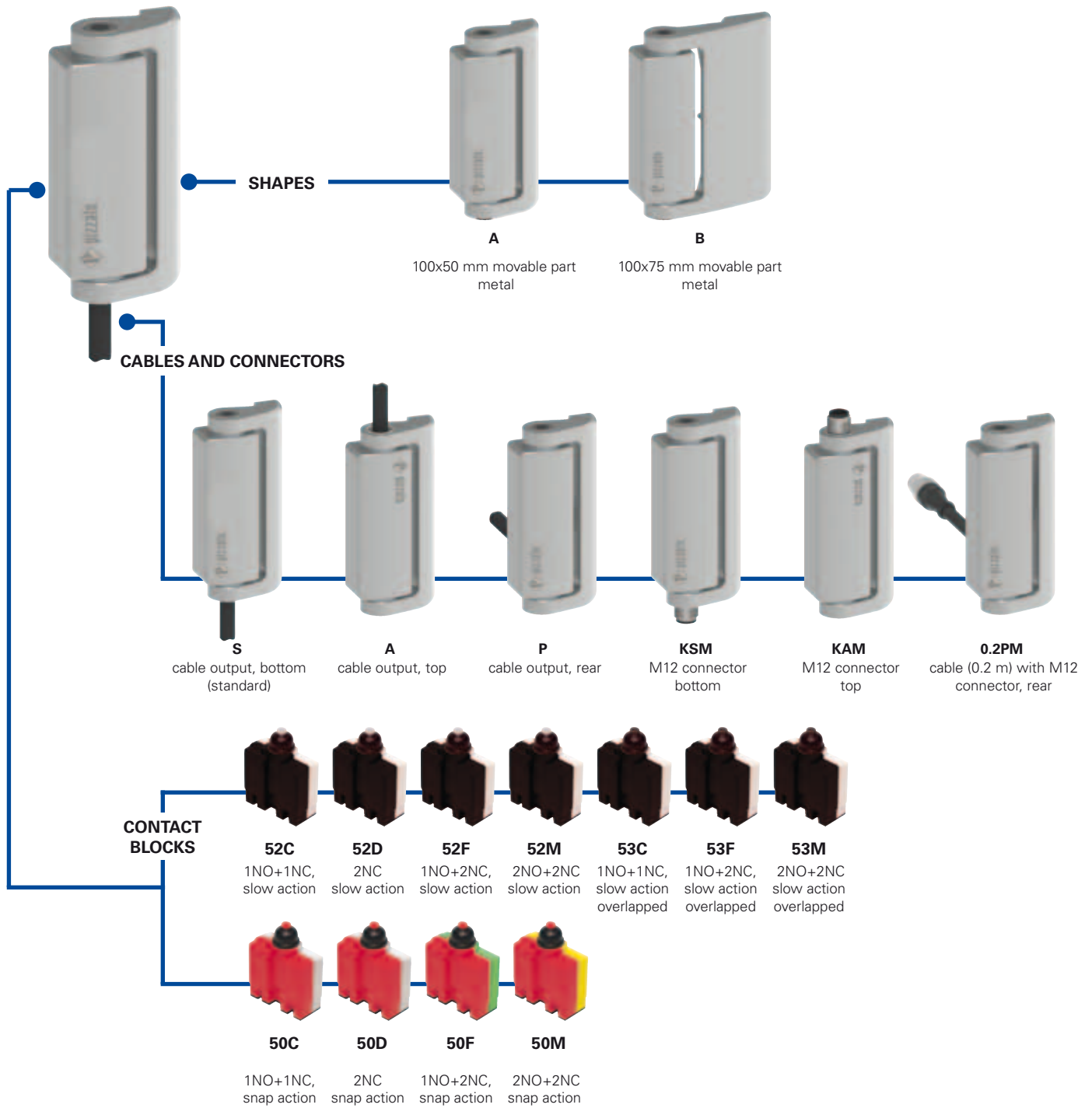


Mobile part cover
VF SFH7 page 60

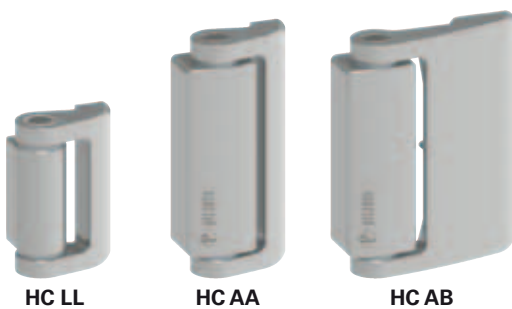
One Way safety screws

- Direct fixing to the polycarbonate plate
- Switch without supports
- Fixing with internal screws
- Connector output, rear.

Selection diagram



ADDITIONAL HINGES



—●— product option



Main features

- Metal housing, cable output at top, bottom or rear
- 4 integrated cable types available
- Versions with M12 connector
- Protection degrees IP67 and IP69K
- 9 contact blocks with positive opening ☺
- Additional hinges without contacts

Markings and quality marks:



| | |
|---------------|----------------------|
| IMQ approval: | CA02.03746 |
| UL approval: | E131787 |
| CCC approval: | 2013010305647255 |
| EAC approval: | RU C-IT ДМ94.В.01024 |

Technical data

Housing

Metal housing, baked powder coating
Version with integrated cable, length 2 m, other lengths on request.
Versions with integrated M12 connector, 5 or 8 poles
Protection degree: IP67 acc. to EN 60529
IP69K acc. to ISO 20653
(Protect the cables from direct high-pressure and high-temperature jets)

General data

For safety applications up to: SIL 3 acc. to EN 62061
PL e acc. to EN ISO 13849-1
type 1 acc. to EN ISO 14119

Mechanical interlock, not coded:
Safety parameters:
B_{10d}: 5,000,000 for NC contacts
Service life: 20 years
Ambient temperature: See table on page 56
Max. actuation frequency: 1200 operating cycles/hour
Mechanical endurance: 1 million operating cycles¹
Max. actuation speed: 90°/s
Min. actuation speed: 2°/s
Mounting position: any
Max. axial load: 1500 N (HP AA) / 750 N (HP AB)
Max. radial load: 1000 N (HP AA) / 500 N (HP AB)
Tightening torque, M5 screws: 3 ... 5 Nm

(1) One operation cycle means two movements, one to close and one to open contacts, as defined in EN 60947-5-1. After 1 million operating cycles the operating point increases by 1.8°.

Electrical data

Rated impulse withstand voltage U_{imp}: 4 kV
Conditional short circuit current: 1000 A acc. to EN 60947-5-1
Pollution degree: 3

In conformity with standards:

IEC 60947-5-1, EN 60947-5-1, EN 60947-1, IEC 60204-1, EN 60204-1, EN ISO 14119, EN ISO 12100, IEC 60529, EN 60529, ISO 20653, UL 508, CSA 22.2 No.14.

Approvals:

IEC 60947-5-1, UL 508, CSA 22.2 No.14.

In conformity with the requirements of:

Low Voltage Directive 2006/95/EC, Machinery Directive 2006/42/EC and EMC Directive 2004/108/EC.

Positive contact opening in conformity with standards:

IEC 60947-5-1, EN 60947-5-1.

⚠ **If not expressly indicated in this chapter, for correct installation and utilization of all articles see chapter utilization requirements on page 297.**

⚠ **Important: Switch off the circuit voltage before disconnecting the connector from the switch. The connector is not suitable for separation of electrical loads. According to EN 60204-1, versions with 8-pin 2NO+2NC M12 connector can be used only in PELV circuits.**

Characteristics approved by IMQ

Rated insulation voltage (U_i): 250 Vac
Conventional free air thermal current (I_{th}): 10 A (1-2 contacts) / 6 A (2-3 contacts) / 4 A (4 contacts or 5-pin M12 connector)
Protection against short circuits (fuse): 10 A (1-2 contacts) / 6 A (2-3 contacts) / 4 A (4 contacts or 5-pin M12 connector), gG type

Rated impulse withstand voltage (U_{imp}): 4 kV
Protection degree of the housing: IP67
MA terminals (saddle clamps)
Pollution degree: 3
Utilization category: AC15 / DC13 (with connector)
Operating voltage (U_e): 250 Vac (50 Hz) / 24 Vdc (with connector)
Operating current (I_e): 3 A / 2 A (with connector)
Forms of the contact element: X, Y, X+Y, X+X, Y+Y, Y+Y+X, X+X+Y, X+X+Y+Y
Positive opening of contacts on contact blocks 50A, 50C, 50D, 50F, 50G, 50M, 51A, 51C, 51D, 51F, 51G, 51M, 52A, 52C, 52D, 52F, 52G, 52M, 53A, 53C, 53D, 53F, 53G, 53M

In conformity with standards: EN 60947-1, EN 60947-5-1 + A1:2009, fundamental requirements of the Low Voltage Directive 2006/95/EC.

Please contact our technical service for the list of approved products.

Characteristics approved by UL

Utilization categories R300 pilot duty (28 VA, 125-250 Vdc)
B300 pilot duty (360 VA, 120-240 Vac) (1-2-3 cont.)
C300 pilot duty (180 VA, 120-240 Vac) (4 cont.)

Data of housing type 1, 4X "indoor use only", 12.
Housing data for versions with 1-2 contacts and type N cable type 1, 4X "indoor use only"

In conformity with standard: UL 508, CSA 22.2 No.14

Please contact our technical service for the list of approved products.

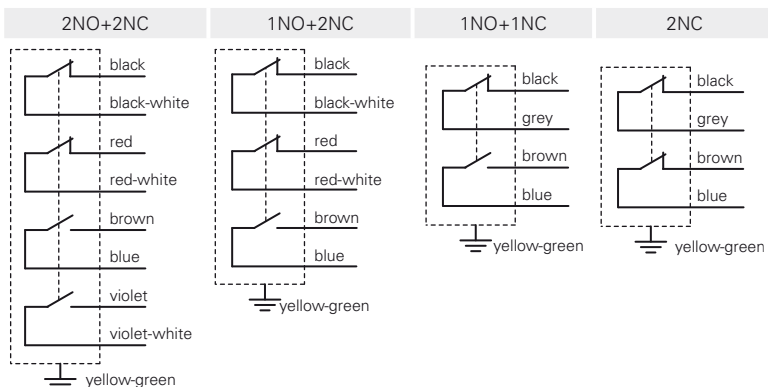


Utilization temperatures and electrical data

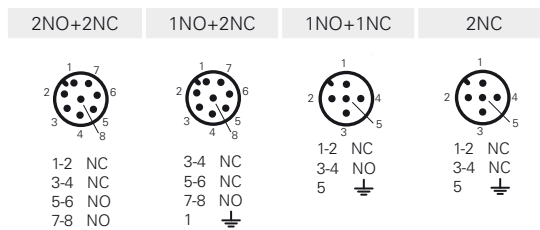
| | Output with cable | | | | | | | | Output with M12 connector | |
|--|--|---|---|--|---|---|---|---|---------------------------|----------------------------|
| | Versions with 2 contacts | | | | Versions with 3 contacts | | Versions with 4 contacts | | Versions with 2 contacts | Versions with 3/4 contacts |
| | Cable type N 5x0.75 mm ² , | Cable type G 5x0.75 mm ² , | Cable type H 5x0.75 mm ² , | Cable type R 5x0.5 mm ² | Cable type N 7x0.5 mm ² | Cable type H 7x0.5 mm ² , | Cable type N 9x0.34 mm ² | Cable type R 9x0.5 mm ² | M12 connector 5 poles | M12 connector 8 poles |
| | | | Max. speed 100 m/min Max. acceleration 2 m/s ² | Cable for railway applications EN50306-4 1E-300V-5x0.5 mm ² MM-90 | | Max. speed 300 m/min Max. acceleration 25 m/s ² | | Cable for railway applications EN50306-4 1P300V-9x0.5 mm ² MM-90 | | |
| Sheath PVC H05VV-F, Self-extinguishing IEC 60332-1-2 IEC 60332-1-3 | Sheath PVC 05VV-F, Self-extinguishing IEC 60332-1-2 IEC 60332-1-3 IEC 60332-3 CEI 20-22 II | Sheath PUR HALO- GEN FREE Self-extinguishing IEC 60332-1-2 IEC 60332-1-3 | Cable in conformity with standards: EN 50306-4 EN 45555 Self-extinguishing: IEC 60332-1 EN 50305 EN 50306-1 | Sheath PVC 03VV-F, Self-extinguishing IEC 60332-1-2 IEC 60332-1-3 | Sheath PUR HALO- GEN FREE Self-extinguishing IEC 60332-1-2 IEC 60332-1-3 | Sheath PVC 03VV-F, Self-extinguishing IEC 60332-1-2 IEC 60332-1-3 | Cable in conformity with standards: EN 50306-4 EN 45555 Self-extinguishing: IEC 60332-1 EN 50305 EN 50306-1 | | | |
| Minimum bending radius: 72 mm | Minimum bending radius: 72 mm | Minimum bending radius: 70 mm Without halogen Oil resistant IEC 60811-2-1 | Minimum bending radius: 60 mm | Minimum bending radius: 108 mm | Minimum bending radius: 108 mm Halogen free Oil resistant IEC 60811-2-1 | Minimum bending radius: 94 mm | Minimum bending radius: 60 mm | | | |
| External diameter: 8 mm | External diameter: 8 mm | External diameter: 8 mm | External diameter: 6 mm | External diameter: 7 mm | External diameter: 7 mm | External diameter: 7 mm | External diameter: 6,5 mm | | | |
| Stripped end: 80 mm | Stripped end: 80 mm | Stripped end: 80 mm | Stripped end: 80 mm | Stripped end: 80 mm | Stripped end: 80 mm | Stripped end: 80 mm | Stripped end: 80 mm | | | |
| Class 5 copper IEC 60228 | Class 5 copper IEC 60228 | IEC 60228 class 6 copper | Class 5 copper IEC 60228 | Class 5 copper IEC 60228 | Class 6 copper IEC 60228 | Class 5 copper IEC 60228 | Class 5 copper IEC 60228 | | | |

| Ambient temperature standard extended (-T ₀) | Cable fixed installation | -25°C ... +70°C | -25°C ... +70°C | -25°C ... +80°C | -25 °C +80 °C | -25°C ... +80°C | -25°C ... +80°C | -25°C ... +80°C | -25 °C +80 °C | | | |
|--|--|--------------------|----------------------------|--------------------|----------------------------|----------------------------|----------------------------|----------------------------|-------------------|----------------------------|---------------------|-----|
| | Cable flexible installation | +5°C ... +70°C | +5°C ... +70°C | -25°C ... +80°C | -25 °C +80 °C | -5 °C ... +80 °C | -25°C ... +80°C | -5 °C ... +80 °C | -25 °C +80 °C | | -25°C ... +80°C | |
| | Cable mobile installation | / | / | -25°C ... +80°C | / | / | -25°C ... +80°C | / | / | | | |
| | Cable fixed installation | / | / | -40°C ... +80°C | -40°C ... +80°C | / | -40°C ... +80°C | / | -40 °C +80 °C | | | |
| | Cable flexible installation | / | / | -40°C ... +80°C | -40°C ... +80°C | / | -30 °C ... +80 °C | / | -40 °C +80 °C | | -40°C ... +80°C | |
| | Cable mobile installation | / | / | -40°C ... +80°C | / | / | -30 °C ... +80 °C | / | / | | | |
| Electrical data | Thermal current I _{th} | 10 A | 10 A | 10 A | 6 A | 6 A | 6 A | 3 A | 4 A | 4 A | 2 A | |
| | Rated insulation voltage U _i | 250 Vac | 250 Vac | 250 Vac | 250 Vac | 250 Vac | 250 Vac | 250 Vac | 250 Vac | 250 Vac 300 Vdc | 30 Vac 36 Vdc | |
| | Protection against short circuits (fuse) | 10 A 500 V type gG | 10 A 500 V type gG | 10 A 500 V type gG | 6 A 500 V type gG | 6 A 500 V type gG | 6 A 500 V type gG | 3 A 500 V type gG | 4 A 500 V type gG | 4 A 500 V type gG | 2 A 500 V type gG | |
| | Utilization category DC13 | 24 V | 2 A | 2 A | 2 A | 2 A | 2 A | 2 A | 2 A | 2 A | 2 A | 2 A |
| | | 125 V | 0.4 A | 0.4 A | 0.4 A | 0.4 A | 0.4 A | 0.4 A | 0.4 A | 0.4 A | 0.4 A | / |
| | | 250 V | 0.3 A | 0.3 A | 0.3 A | 0.3 A | 0.3 A | 0.3 A | 0.3 A | 0.3 A | 0.3 A | / |
| Utilization category AC15 | 24 V | 4 A | 4 A | 4 A | 4 A | 4 A | 4 A | 3 A | 4 A | 4 A | 2 A | |
| | 120 V | 4 A | 4 A | 4 A | 4 A | 4 A | 4 A | 3 A | 4 A | 4 A | / | |
| | 250 V | 4 A | 4 A | 4 A | 4 A | 4 A | 4 A | 3 A | 4 A | 4 A | / | |
| Approvals | CE cULus IMQ EAC CCC | CE EAC CCC | CE cULus IMQ EAC CCC | CE IMQ EAC CCC | CE cULus IMQ EAC CCC | CE cULus IMQ EAC CCC | CE cULus IMQ EAC CCC | CE cULus IMQ EAC CCC | CE IMQ EAC CCC | CE cULus IMQ EAC CCC | CE cULus EAC CCC | |

Internal connections of the cable



Internal connections of the connector



Sockets See page 287

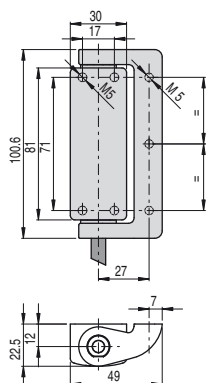
Dimensional drawings

All measures in the drawings are in mm

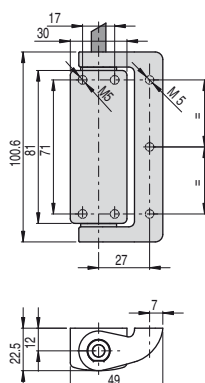
Contact type:

L = slow action
LO = slow action overlapped

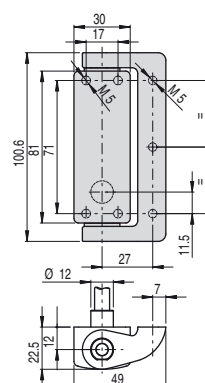
2 m cable, bottom



2 m cable, top



2 m cable, rear



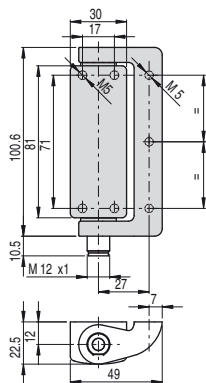
Contact blocks

| | | | | | | | | | | |
|-----------------|-----------|--------------------|---|---------|--------------------|---|---------|--------------------|---|---------|
| 52C | L | HP AA052C-2SN | ⊕ | 1NO+1NC | HP AA052C-2AN | ⊕ | 1NO+1NC | HP AA052C-2PN | ⊕ | 1NO+1NC |
| 52D | L | HP AA052D-2SN | ⊕ | 2NC | HP AA052D-2AN | ⊕ | 2NC | HP AA052D-2PN | ⊕ | 2NC |
| 52F | L | HP AA052F-2SN | ⊕ | 1NO+2NC | HP AA052F-2AN | ⊕ | 1NO+2NC | HP AA052F-2PN | ⊕ | 1NO+2NC |
| 52M | L | HP AA052M-2SN | ⊕ | 2NO+2NC | HP AA052M-2AN | ⊕ | 2NO+2NC | HP AA052M-2PN | ⊕ | 2NO+2NC |
| 53C | LO | HP AA053C-2SN | ⊕ | 1NO+1NC | HP AA053C-2AN | ⊕ | 1NO+1NC | HP AA053C-2PN | ⊕ | 1NO+1NC |
| 53F | LO | HP AA053F-2SN | ⊕ | 1NO+2NC | HP AA053F-2AN | ⊕ | 1NO+2NC | HP AA053F-2PN | ⊕ | 1NO+2NC |
| 53M | LO | HP AA053M-2SN | ⊕ | 2NO+2NC | HP AA053M-2AN | ⊕ | 2NO+2NC | HP AA053M-2PN | ⊕ | 2NO+2NC |
| Min. force | | 0.3 Nm (0.65 Nm ⊕) | | | 0.3 Nm (0.65 Nm ⊕) | | | 0.3 Nm (0.65 Nm ⊕) | | |
| Travel diagrams | | page 59 - group 1 | | | page 59 - group 1 | | | page 59 - group 1 | | |

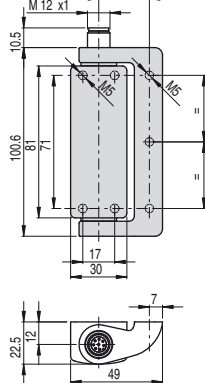
Contact type:

L = slow action
LO = slow action overlapped

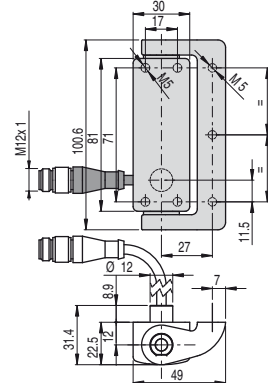
M12 connector, bottom



M12 connector, top



cable (0.2 m) and M12 connector, rear



Contact blocks

| | | | | | | | | | | |
|-----------------|-----------|--------------------|---|---------|--------------------|---|---------|--------------------|---|---------|
| 52C | L | HP AA052C-KSM | ⊕ | 1NO+1NC | HP AA052C-KAM | ⊕ | 1NO+1NC | HP AA052C-0.2PM | ⊕ | 1NO+1NC |
| 52D | L | HP AA052D-KSM | ⊕ | 2NC | HP AA052D-KAM | ⊕ | 2NC | HP AA052D-0.2PM | ⊕ | 2NC |
| 52F | L | HP AA052F-KSM | ⊕ | 1NO+2NC | HP AA052F-KAM | ⊕ | 1NO+2NC | HP AA052F-0.2PM | ⊕ | 1NO+2NC |
| 52M | L | HP AA052M-KSM | ⊕ | 2NO+2NC | HP AA052M-KAM | ⊕ | 2NO+2NC | HP AA052M-0.2PM | ⊕ | 2NO+2NC |
| 53C | LO | HP AA053C-KSM | ⊕ | 1NO+1NC | HP AA053C-KAM | ⊕ | 1NO+1NC | HP AA053C-0.2PM | ⊕ | 1NO+1NC |
| 53F | LO | HP AA053F-KSM | ⊕ | 1NO+2NC | HP AA053F-KAM | ⊕ | 1NO+2NC | HP AA053F-0.2PM | ⊕ | 1NO+2NC |
| 53M | LO | HP AA053M-KSM | ⊕ | 2NO+2NC | HP AA053M-KAM | ⊕ | 2NO+2NC | HP AA053M-0.2PM | ⊕ | 2NO+2NC |
| Min. force | | 0.3 Nm (0.65 Nm ⊕) | | | 0.3 Nm (0.65 Nm ⊕) | | | 0.3 Nm (0.65 Nm ⊕) | | |
| Travel diagrams | | page 59 - group 1 | | | page 59 - group 1 | | | page 59 - group 1 | | |

Attention! The safety hinge switch can be combined together exclusively with one or more Pizzato Elettrica hinges (series HP or HC). The use of whichever other hinge does not guarantee the correct operation of the safety device.

Items with code on **green** background are stock items

Accessories See page 287

→ The 2D and 3D files are available at www.pizzato.com



Versions for glass or polycarbonate doors - Dimensional drawings

All measures in the drawings are in mm

Contact type:

L = slow action
LO = slow action overlapped

| | 2 m cable, bottom | 2 m cable, top | 2 m cable, rear |
|-----------------|-------------------------|-------------------------|-------------------------|
| 52C | L HP AB052C-2SN | L HP AB052C-2AN | L HP AB052C-2PN |
| 52D | L HP AB052D-2SN | L HP AB052D-2AN | L HP AB052D-2PN |
| 52F | L HP AB052F-2SN | L HP AB052F-2AN | L HP AB052F-2PN |
| 52M | L HP AB052M-2SN | L HP AB052M-2AN | L HP AB052M-2PN |
| 53C | LO HP AB053C-2SN | LO HP AB053C-2AN | LO HP AB053C-2PN |
| 53F | LO HP AB053F-2SN | LO HP AB053F-2AN | LO HP AB053F-2PN |
| 53M | LO HP AB053M-2SN | LO HP AB053M-2AN | LO HP AB053M-2PN |
| Min. force | 0.3 Nm (0.65 Nm) | 0.3 Nm (0.65 Nm) | 0.3 Nm (0.65 Nm) |
| Travel diagrams | page 59 - group 1 | page 59 - group 1 | page 59 - group 1 |

Contact type:

L = slow action
LO = slow action overlapped

| | M12 connector, bottom | M12 connector, top | cable (0.2 m) and M12 connector, rear |
|-----------------|-------------------------|-------------------------|---------------------------------------|
| 52C | L HP AB052C-KSM | L HP AB052C-KAM | L HP AB052C-0.2PM |
| 52D | L HP AB052D-KSM | L HP AB052D-KAM | L HP AB052D-0.2PM |
| 52F | L HP AB052F-KSM | L HP AB052F-KAM | L HP AB052F-0.2PM |
| 52M | L HP AB052M-KSM | L HP AB052M-KAM | L HP AB052M-0.2PM |
| 53C | LO HP AB053C-KSM | LO HP AB053C-KAM | LO HP AB053C-0.2PM |
| 53F | LO HP AB053F-KSM | LO HP AB053F-KAM | LO HP AB053F-0.2PM |
| 53M | LO HP AB053M-KSM | LO HP AB053M-KAM | LO HP AB053M-0.2PM |
| Min. force | 0.3 Nm (0.65 Nm) | 0.3 Nm (0.65 Nm) | 0.3 Nm (0.65 Nm) |
| Travel diagrams | page 59 - group 1 | page 59 - group 1 | page 59 - group 1 |

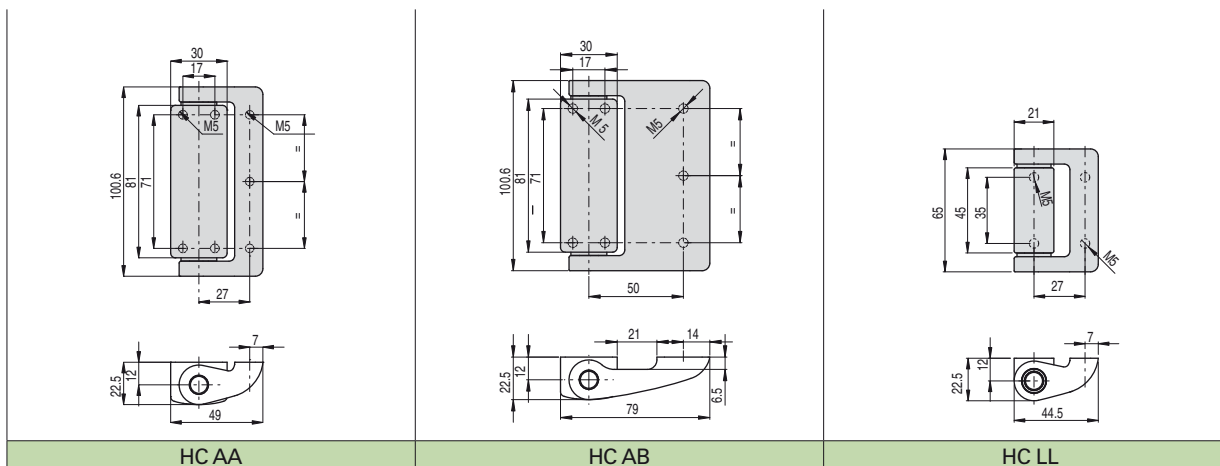
Attention! The safety hinge switch can be combined together exclusively with one or more Pizzato Elettrica hinges (series HP or HC). The use of whichever other hinge does not guarantee the correct operation of the safety device.

Accessories See page 287

→ The 2D and 3D files are available at www.pizzato.com

Additional hinges

All measures in the drawings are in mm



Travel diagrams

All measures in the diagrams are in degrees

| Contact blocks | Group 1 | Contact blocks | Group 1 | Contact blocks | Group 1 |
|----------------|---------|----------------|---------|----------------|---------|
| 52C 1NO+1NC | | 53C 1NO+1NC | | 50C 1NO+1NC | |
| 52D 2NC | | 53F 1NO+2NC | | 50D 2NC | |
| 52F 1NO+2NC | | 53M 2NO+2NC | | 50F 1NO+2NC | |
| 52M 2NO+2NC | | | | 50M 2NO+2NC | |

The contact operating point indicated in the travel diagrams can be adjusted from 0° to +4°.

Accessories

| Article | Description |
|-----------|------------------------------------|
| VF AC7032 | Protection cap of regulation screw |

The plug is supplied with every hinge and must always be inserted after the operating point regulation.
In case of loss or damage, the cap can be ordered separately.

Legend

- Closed contact
- Open contact
- Positive opening travel
- Pushing the switch / Releasing the switch

Max. forces and loads HP AA

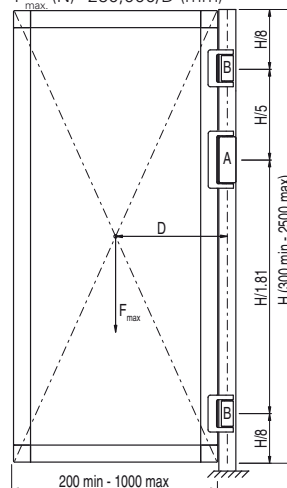
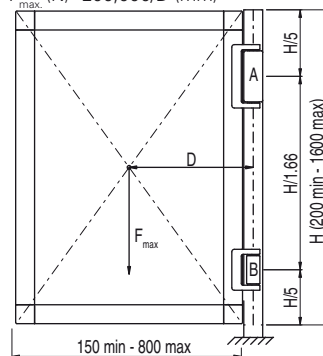
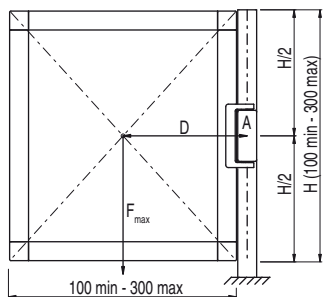
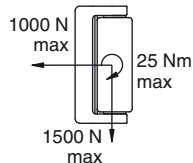
All measures in the drawings are in mm

Admitted max. loads, independent of utilization conditions.

Doors with one safety hinge
 $F_{max} (N) = 25,000/D$ (mm)

Doors with one safety hinge and one additional hinge
 $F_{max} (N) = 200,000/D$ (mm)

Doors with one safety hinge and two additional hinges
 $F_{max} (N) = 250,000/D$ (mm)



Legend

- F_{max} Force exercised by the door weight (N)
- D Distance from the door barycentre to the hinge axis (mm)
- A Safety hinge
- B Additional hinge

Items with code on **green** background are stock items

Accessories See page 287

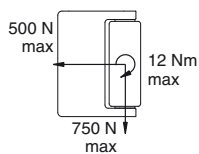
→ The 2D and 3D files are available at www.pizzato.com



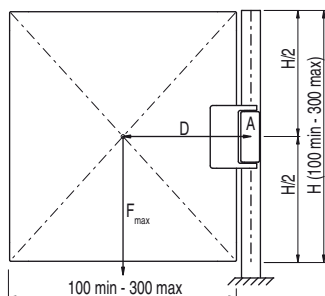
Max. forces and loads HP AB

All measures in the drawings are in mm

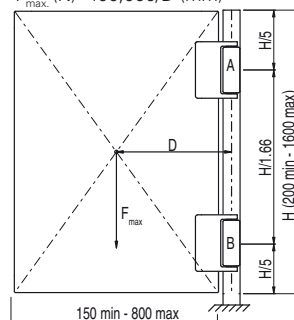
Admitted max. loads, independent of utilization conditions.



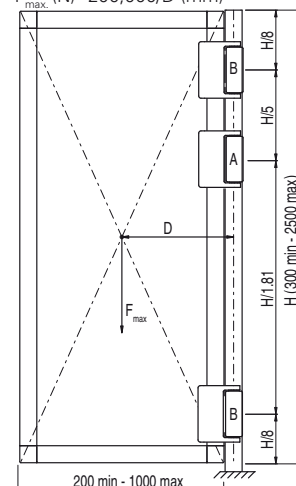
Doors with one safety hinge
 $F_{max} (N) = 12,500/D$ (mm)



Doors with one safety hinge and one additional hinge
 $F_{max} (N) = 100,000/D$ (mm)



Doors with one safety hinge and two additional hinges
 $F_{max} (N) = 200,000/D$ (mm)



Legend

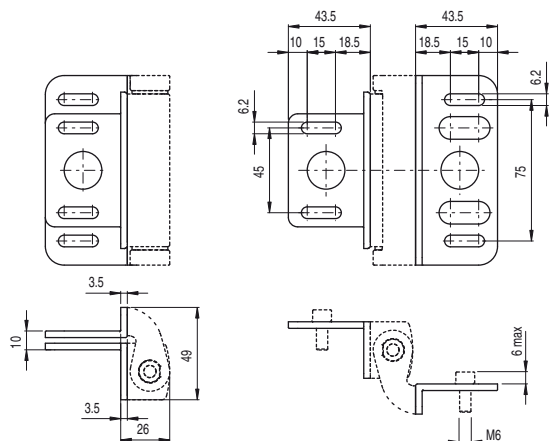
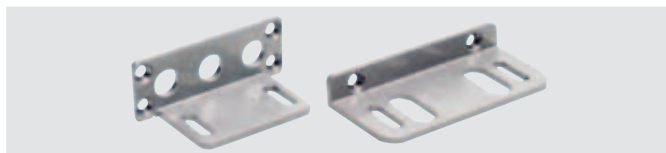
- F_{max} Force exercised by the door weight (N)
- D Distance from the door barycentre to the hinge axis (mm)
- A Safety hinge
- B Additional hinge

Fixing plates

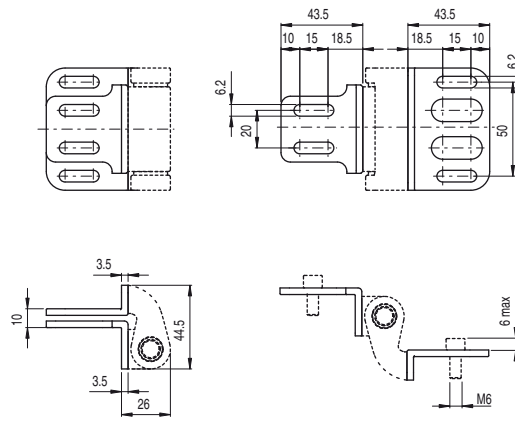
All measures in the drawings are in mm

Fixing screws for profile not supplied.

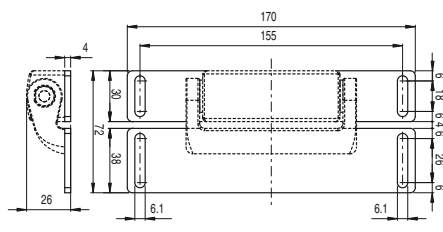
| Article | Description |
|-----------|---|
| VF SFH1-C | Couple of angular supports for HP AA and HC AA supplied with fixing screws for switch |



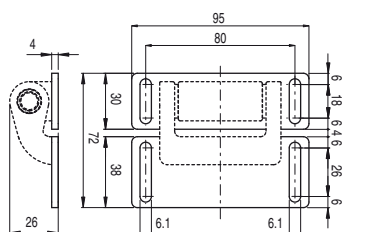
| Article | Description |
|-----------|---|
| VF SFH2-C | Couple of angular supports for HC LL supplied with fixing screws for switch |



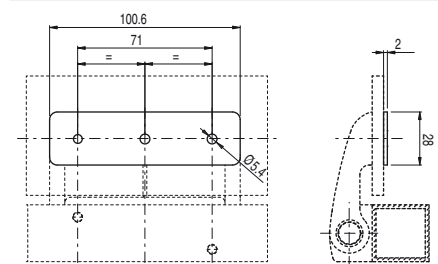
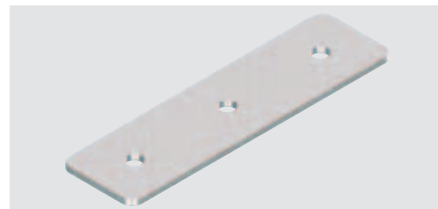
| Article | Description |
|-----------|---|
| VF SFH3-C | Couple of plane supports for HP AA and HC AA supplied with fixing screws for switch |



| Article | Description |
|-----------|---|
| VF SFH4-C | Couple of plane supports for HC LL supplied with fixing screws for switch |



| Article | Description |
|---------|---|
| VF SFH7 | HP AB series mobile part cover in stainless steel |



Items with code on **green** background are stock items

Accessories See page 287

→ The 2D and 3D files are available at www.pizzato.com