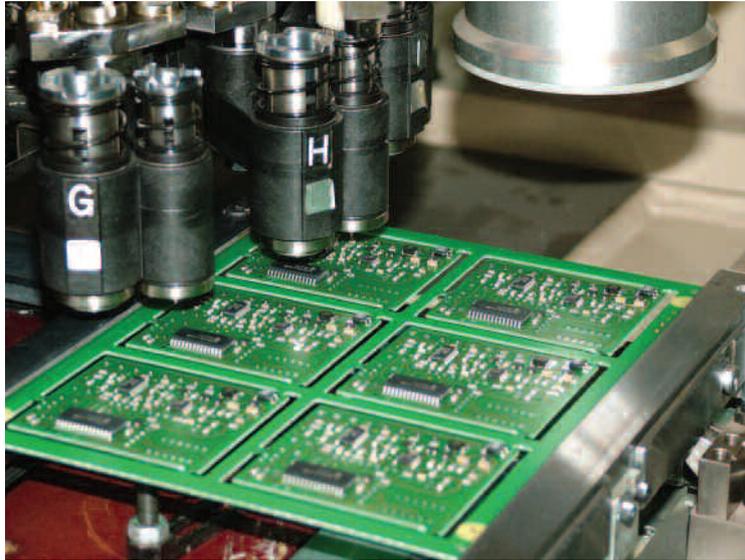


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MAGNETIC CONTACTS

BASIC THEORY OF OPERATIONS AND PERFORMANCE CHARACTERISTICS

OPERATING PRINCIPLE

A magnetic contact has two parts, the contact with one or more reed switches and the magnet. In its neutral position the reed switch remains closed under the force of the magnetic field. Opening the object being monitored increases the distance between the reed switch and the magnet. This reduces the influence of the magnetic field on the reed switch until it opens and activates an alarm. Please note that the opening gap varies with the environment and type of installation, the values in this catalog are nominal and should be seen as a reference only. For each installation the gap has to be tested to ensure full functionality of the contact.

THE REED SWITCH

In all Alarmtech contacts only the highest quality and performance switches are used. This ensures a safe contact function and guarantees an extremely long operating life and fits the most demanding applications.

THE MAGNET

Alarmtech use two different materials in the magnets for creating a big gap between the magnet and the contact part. When the contact and the magnet is mounted parallel with each other a long magnet is normally needed and if mounted opposite each other a short magnet is used containing a different material.

FUNCTION OF A STANDARD CONTACT

Two gaps are important: The closing gap, when the magnet is approaching the contact and the opening gap, when the distances increase between the parts. The opening gap is approximately 10% wider than the closing gap depending on the necessity for a stronger magnetic field to close the contact.

MOUNTING ON STEEL

The Alarmtech contacts are designed for mounting on steel doors, safes, filing cabinets, gate and roll-up garage doors. There are many specially designed accessories for this kind of applications. Mounting on steel doesn't drain the magnet, however it reduces its magnetic field, resulting into smaller make/break gaps of the magnetic contact.

HIGH SECURITY CONTACTS

High security contacts have one or more extra reeds inside to protect the contact from sabotage. Two distances need to be determined. The first is the closing distance when the contact approaches the magnet and the second when the sabotage reed opens when the magnet is very close to the contact. To get the highest security always place the magnet as close as possible to this second distance.

BUILT-IN EOL (END OF LINE) RESISTORS

Every contact can be delivered on customer request with built-in resistors of any resistor value in E36 series 1%. The resistor can be mounted parallel and/or in series with the reed switch. Minimum order required is 100 pcs. Add P to the resistor value for parallel connection and S to the resistor value for serial connection to the reed switch.

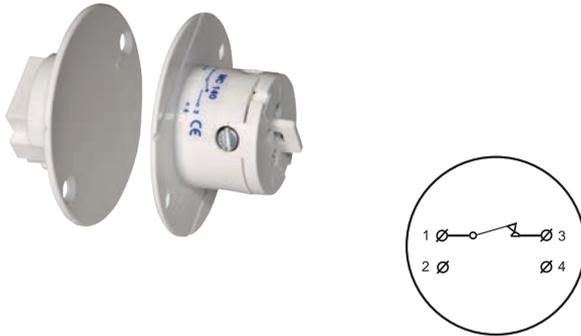
SOME TYPICAL RESISTOR COMBINATIONS FOR END OF LINE CONFIGURATIONS

P	S	Order code	Control Panel
1k	1k	MC XXX-P1kS1k	Honeywell Galaxy, Galaxy Flex, Jablotron, Satel, Paradox
3k3	3k3	MC XXX-P3,3kS3,3k	Caddx
4k7	2k2	MC XXX-P4,7kS2,2k	ADE, Bosch, Pyronix, Scantronic, Texecom
4k7	4k7	MC XXX-P4,7kS4,7k	Aritech, Siemens-SPC
5k6	5k6	MC XXX-P5,6kS5,6k	DSC

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MC 140 Magnetic Contact



MC 140 is a magnetic contact with NC function that can be used both in alarm and access control systems for recessed installation in doors and windows.

Its small size and screw terminal connection makes it easy to install in most locations.

MC 140 is not suitable for installation in steel frames.

Technical Data

Installation method	Recessed mounting
Contact function	NC
Approvals	SBSC 10-30, Class 1/2
Connection	4 Screw terminals with wire guard
Drill diameter mm	19 - 20
Magnet type	Neodymium (NdFeB)
Make distance non-magnetic material (typical value) mm	21
Make distance magnetic material (typical value) mm	X
Contact rating	48 VDC / 500 mA / 10 VA
Tamper protection	Yes
Housing material, Colour	ABS plastic, White
Operating temperature range	-40 – +70 °C
Housing protection class	IP 43
Contact dimensions (L x W x H) mm	19 x 35
Magnet dimensions (L x Ø) mm	12 x 35

Ordering Information

Model	Description
MC 140	Recessed magnetic contact, NC, with 4 screw terminals

MC 140-F Magnetic Contact



MC 140-F is a magnetic contact with NC function that can be used both in alarm and access control systems for recessed installation in doors and windows.

It is made of brass and designed for installations with high demands on durability and security.

Its small size and screw terminal connection makes it easy to install in most locations.

Technical Data

Installation method	Recessed mounting
Contact function	NC
Approvals	SBSC 10-30, Class 1/2
Connection	4 screw terminals with wire guard
Drill diameter mm	19 – 20
Magnet type	Neodymium (NdFeB)
Make distance non-magnetic material (typical value) mm	20
Make distance magnetic material (typical value) mm	8
Contact rating	48 VDC / 500 mA / 10 VA
Tamper protection	Yes
Housing material, Colour	Metal/brass, White
Operating temperature range	-40 – +70 °C
Housing protection class	IP 43
Contact dimensions (L x W x H) mm	46 x 30 x 20
Magnet dimensions (L x W x H) mm	46 x 30 x 14

Ordering Information

Model	Description
MC 140-F	Recessed magnetic contact with metal housing, NC, with 4 screw terminals

MC 240 Magnetic Contact



MC 240 is a universal magnetic contact with NC function that can be used in both alarm and access control systems for monitoring e.g. doors and windows against unauthorized opening.

Both the contact and the magnet part are made of Al-alloy and formed in the shape of a threaded screw, which enables easy installation into wood or plastic. With our extensive range of installation accessories it is easy to install the contact either recessed or as a surface mount on metal and other materials.

With appropriate accessories, the contact can even be installed in steel doors, safety valves, garage doors, etc.

The contact part is sealed with special epoxy, making it water resistant.

Technical Data

Installation method	Recessed mounting
Contact function	NC
Approvals	EN 50131-2-6 Grade 2, Class IIIA, VdS G 193513 Class B, INCERT B-582-0013, SBSC 9-196, Class 1/2, F&P, FG
Connection	Cable
Drill diameter mm	9 – 10
Magnet type	Alnico 5
Make distance non-magnetic material (typical value) mm	27
Make distance magnetic material (typical value) mm	X
Contact rating	48 VDC / 500 mA / 10 VA
Tamper protection	Yes
Housing material, Colour	Al-alloy
Operating temperature range	-40°C – +70°C
Housing protection class	IP 67
Contact dimensions (L x Ø) mm	37 x 11
Magnet dimensions (L x Ø) mm	37 x 11

Ordering Information

Model	Description
MC 240	Recessed magnetic contact, NC, 2 m cable
MC 240-6	Recessed magnetic contact, NC, 6 m cable
MC 240-10	Recessed magnetic contact, NC, 10 m cable
MC 240-P1K	Recessed magnetic contact, NC, 1K parallel resistance, 2 m cable
MC 240-P2,2K	Recessed magnetic contact, NC, 2,2K parallel resistance, 2 m cable
MC 240-C	Recessed contact without magnet, NC, 6 m cable

MC 240-LSZH Magnetic Contact with Halogen-Free Cable



MC 240-LSZH is a universal magnetic contact with NC function and halogen-free cable that can be used in both alarm and access control systems for monitoring e.g. doors and windows against unauthorized opening.

Both the contact and the magnet part are made of Al-alloy and formed in the shape of a threaded screw, which enables easy installation into wood or plastic. With our extensive range of installation accessories it is easy to install the contact either recessed or as a surface mount on metal and other materials.

With appropriate accessories, the contact can even be installed in steel doors, safety valves, garage doors, etc.

The contact part is sealed with special epoxy, making it water resistant.

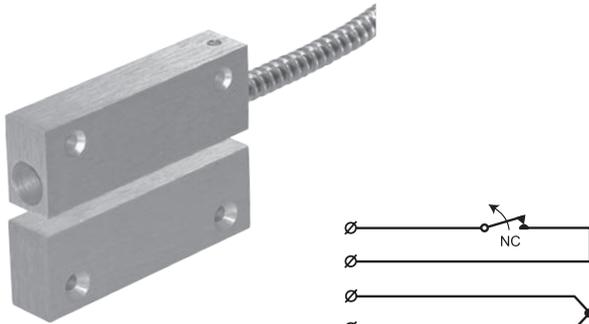
Technical Data

Installation method	Recessed mounting
Contact function	NC
Approvals	EN 50131-2-6 Grade 2, Class IIIA, VdS G 193513 Class B, INCERT B-582-0013, SBSC 9-196, Class 1/2, F&P, FG
Connection	Halogen-free cable
Drill diameter mm	9 – 10
Magnet type	Alnico 5
Make distance non-magnetic material (typical value) mm	27
Make distance magnetic material (typical value) mm	X
Contact rating	48 VDC / 500 mA / 10 VA
Tamper protection	Yes
Housing material, Colour	Al-alloy
Operating temperature range	-40°C – +70°C
Housing protection class	IP 67
Contact dimensions (L x Ø) mm	37 x 11
Magnet dimensions (L x Ø) mm	37 x 11

Ordering Information

Model	Description
MC 240-6-LSZH	Recessed magnetic contact, NC, 6 m halogen-free cable
MC 240-10-LSZH	Recessed magnetic contact, NC, 10 m halogen-free cable

MC 240-S45 Magnetic Contact Set



The MC 240-S45 set is intended for exposed environments where a more durable magnetic contact is needed, such as doors, gates, etc.

The set consists of MC 240-C contact with a NC contact function installed in MC 200-4 Al housing and an extra strong magnet in MC 200-5 Al housing, which allows for a wide opening gap.

MC 240-S45 set contains a 1 m long stainless steel cable protection (MC T4).

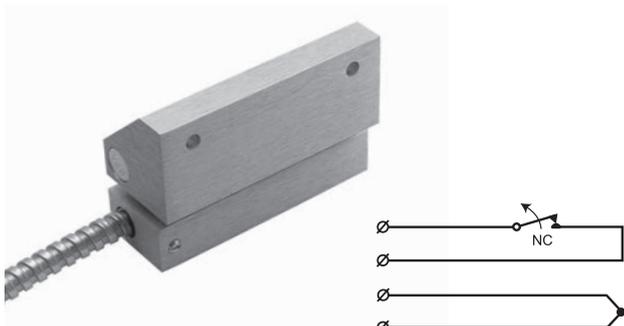
Technical Data

Installation method	Surface mount
Contact function	NC
Approvals	EN 50131-2-6 Grade 2, Class IIIA, VdS G 193513 Class B, INCERT B-582-0013, SBSC 9-196, Class 1/2, F&P, FG
Connections	Cable
Magnet type	Alnico 5
Make distance non-magnetic material (typical value) mm	42
Make distance magnetic material (typical value) mm	X
Contact rating	48 VDC / 500 mA / 10 VA
Tamper protection	Yes
Housing, Colour	Aluminium
Operating temperature range	-40 – +70 °C
Housing protection class	IP 67
Contact dimensions (L x W x H) mm	74 x 25 x 15
Magnet dimensions (L x W x H) mm	74 x 25 x 15

Ordering Information

Model	Description
MC 240-S45	Magnetic contact set, 6 m cable

MC 240-S48 Magnetic Contact Set



The MC 240-S48 set is intended for exposed environments where a more durable magnetic contact is needed, such as garage doors, industrial gates, etc.

The set consists of MC 240-C contact with a NC contact function installed in MC 200-4 Al housing and an extra strong magnet in MC 200-8 Al housing, which allows for a wide opening gap.

MC 240-S48 set has a 1 m long stainless steel cable protection (MC T4).

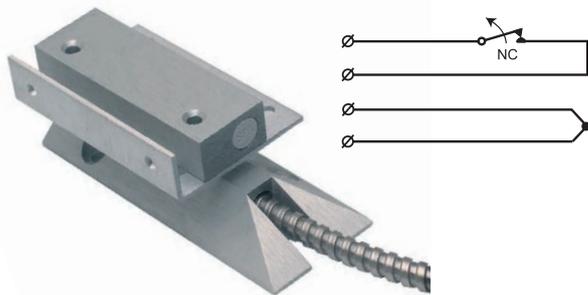
Technical Data

Installation method	Surface mount
Contact function	NC
Approvals	EN 50131-2-6 Grade 2, Class IIIA, VdS G 193513 Class B, INCERT B-582-0013, SBSC 9-196, Class 1/2, F&P, FG
Connections	Cable
Magnet type	Alnico 5
Make distance non-magnetic material (typical value) mm	42
Make distance magnetic material (typical value) mm	34 with bracket MC L or MC Z
Contact rating	48 VDC / 500 mA / 10 VA
Tamper protection	Yes
Housing, Colour	Aluminium
Operating temperature range	-40 – +70 °C
Housing protection class	IP 67
Contact dimensions (L x W x H) mm	74 x 25 x 15
Magnet dimensions (L x W x H) mm	74 x 30 x 30

Ordering Information

Model	Description
MC 240-S48	Magnetic contact set, 6 m cable

MC 240-S56 Magnetic Contact Set for Floor Mounting



The MC 240-S56 set is intended for exposed environments where a more durable magnetic contact is needed, such as garage doors, industrial gates of folding or overhead type, etc.

The set consists of MC 240-C contact with NC contact function installed in MC 200-6 Al housing and an extra strong magnet in MC 200-5 Al housing, which allows for a wide opening gap.

The part to be installed to the floor can bear the weight of a vehicle and the enclosed L-bracket (MC L) enables easy installation and a possibility to adjust the magnet part on the door.

MC 240-S56 set has a 1 m long stainless steel Flexi-tube protection (MC T4).

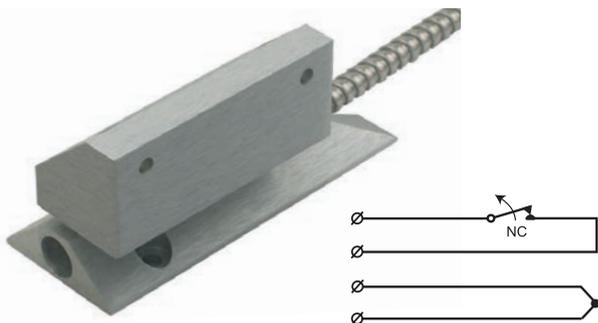
Technical Data

Installation method	Surface mount
Contact function	NC
Approvals	EN 50131-2-6 Grade 2, Class IIIA, VdS G 193513 Class B, INCERT B-582-0013, SBSC 9-196, Class 1/2, F&P, FG
Connections	Cable
Magnet type	Alnico 5
Make distance non-magnetic material (typical value) mm	45
Make distance magnetic material (typical value) mm	34
Contact rating	48 VDC / 500 mA / 10 VA
Tamper protection	Yes
Housing, Colour	Aluminium
Operating temperature range	-40 – +70 °C
Housing protection class	IP 67
Contact dimensions (L x W x H) mm	104 x 40 x 15
Magnet dimensions (L x W x H) mm	74 x 25 x 15

Ordering Information

Model	Description
MC 240-S56	Magnetic contact set for floor mounting, 6 m cable

MC 240-S68 Magnetic Contact Set for Floor Mounting



The MC 240-S68 set is intended for exposed environments where a more durable magnetic contact is needed, such as garage doors, industrial gates of folding or overhead type, etc.

The set consists of MC 240-C contact with NC contact function installed in MC 200-6 Al housing and an extra strong magnet in MC 200-8 Al housing, which allows for a wide opening gap.

The part to be installed to the floor can bear the weight of a vehicle.

MC 240-S68 set has a 1 m long stainless steel Flexi-tube protection (MC T4).

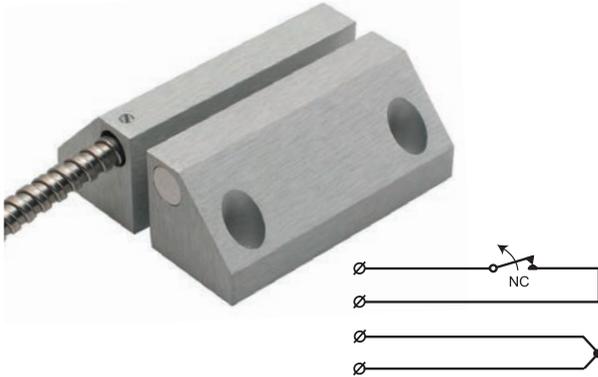
Technical Data

Installation method	Surface mount
Contact function	NC
Approvals	EN 50131-2-6 Grade 2, Class IIIA, VdS G 193513 Class B, INCERT B-582-0013, SBSC 9-196, Class 1/2, F&P, FG
Connections	Cable
Magnet type	Alnico 5
Make distance non-magnetic material (typical value) mm	45
Make distance magnetic material (typical value) mm	34
Contact rating	48 VDC / 500 mA / 10 VA
Tamper protection	Yes
Housing, Colour	Aluminium
Operating temperature range	-40 - +70 °C
Housing protection class	IP 67
Contact dimensions (L x W x H) mm	104 x 40 x 15
Magnet dimensions (L x W x H) mm	74 x 30 x 30

Ordering Information

Model	Description
MC 240-S68	Magnetic contact set for floor mounting, 6 m cable

MC 240-S78 Magnetic Contact Set for Mounting on Steel



The MC 240-S78 set is intended for exposed environments where a more durable magnetic contact is needed on steel surface or iron doors and gates, etc.

The set consists of MC 240-C contact with NC contact function installed in MC 200-7 Al housing and an extra strong magnet in MC 200-8 Al housing, which allows for a wide opening gap.

MC 240-S78 set has a 1 m long stainless steel Flexi-tube protection (MC T4).

Technical Data

Installation method	Surface mount
Contact function	NC
Approvals	EN 50131-2-6 Grade 2, Class IIIA VdS G 193513 Class B, INCERT B-582-0013, SBSC 9-196, Class 1/2 F&P, FG
Connections	Cable
Magnet type	Alnico 5
Make distance non-magnetic material (typical value) mm	42
Make distance magnetic material (typical value) mm	34
Contact rating	48 VDC / 500 mA / 10 VA
Tamper protection	Yes
Housing, Colour	Aluminium
Operating temperature range	-40 – +70 °C
Housing protection class	IP 67
Contact dimensions (L x W x H) mm	74 x 30 x 30
Magnet dimensions (L x W x H) mm	74 x 30 x 30

Ordering Information

Model	Description
MC 240-S78	Magnetic contact set, 6 m cable

MC 246 Magnetic Contact



MC 246 is a universal magnetic contact with change-over (NC/NO) function that can be used in both alarm and access control systems for monitoring e.g. doors and windows against unauthorized opening.

Both the contact and the magnet part are made of Al-alloy and formed in the shape of a threaded screw, which enables easy installation into wood or plastic.

With our extensive range of installation accessories it is easy to install the contact either recessed or as a surface mount on metal and other materials.

With appropriate accessories, the contact can even be installed on steel doors, safety valves, garage doors, etc.

The contact part is sealed with special epoxy, making it water resistant.

Technical Data

Installation method	Recessed mounting
Contact function	Change-over (NC/NO)
Approvals	EN 50131-2-6 Grade 2, Class IIIA, INCERT B-582-0014, SBSC 9-197, Class 1/2, F&P
Connections	Cable
Drill diameter mm	9 – 10
Magnet type	Alnico 5
Make distance non-magnetic material (typical value) mm	20
Make distance magnetic material (typical value) mm	X
Contact rating	48 VDC / 250 mA / 5 VA
Tamper protection	Yes
Housing, Colour	Metal
Operating temperature range	-40 – +70 °C
Housing protection class	IP 67
Contact dimensions (L x Ø) mm	37 x 11
Magnet dimensions (L x Ø) mm	37 x 11

Ordering Information

Model	Description
MC 246	Recessed magnetic contact, change-over, 2 m cable
MC 246-6	Recessed magnetic contact, change-over, 6 m cable
MC 246-10	Recessed magnetic contact, change-over, 10 m cable
MC 246-C	Recessed contact part without magnet, change-over, 6 m cable

MC 246 Magnetic Contact with Halogen-Free Cable



MC 246-LSZH is a universal magnetic contact with change-over (NC/NO) function and halogen-free cable that can be used in both alarm and access control systems for monitoring e.g. doors and windows against unauthorized opening.

Both the contact and the magnet part are made of Al-alloy and formed in the shape of a threaded screw, which enables easy installation into wood or plastic. With our extensive range of installation accessories it is easy to install the contact either recessed or as a surface mount on metal and other materials.

With appropriate accessories, the contact can even be installed on steel doors, safety valves, garage doors, etc.

The contact part is sealed with special epoxy, making it water resistant.

Technical Data

Installation method	Recessed mounting
Contact function	Change-over (NC/NO)
Approvals	EN 50131-2-6 Grade 2, Class IIIA, INCERT B-582-0014, SBSC 9-197, Class 1/2, F&P
Connection	Halogen-free cable
Drill diameter mm	9 – 10
Magnet type	Alnico 5
Make distance non-magnetic material (typical value) mm	20
Make distance magnetic material (typical value) mm	X
Contact rating	48 VDC / 250 mA / 5 VA
Tamper protection	Yes
Housing material, Color	Metal
Operating temperature range	-40°C – +70°C
Housing protection class	IP 67
Contact dimensions (L x Ø) mm	37 x 11
Magnet dimensions (L x Ø) mm	37 x 11

Ordering Information

Model	Description
MC 246-6-LSZH	Recessed magnetic contact, change-over, 6 m halogen-free cable
MC 246-10-LSZH	Recessed magnetic contact, change-over, 10 m halogen-free cable

MC 247 Magnetic Contact



MC 247 is a universal magnetic contact with dual NC function that can be used in both alarm and access control systems for monitoring e.g. doors and windows against unauthorized opening.

Both the contact and the magnet part are made of Al-alloy and formed in the shape of a threaded screw, which enables easy installation into wood or plastic.

With our extensive range of installation accessories it is easy to install the contact either recessed or as a surface mount on metal and other materials.

With appropriate accessories, the contact can even be installed on steel doors, safety valves, garage doors, etc.

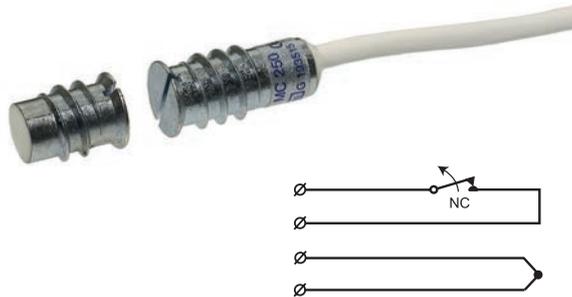
Technical Data

Installation method	Recessed mounting
Contact function	Double (2 x) NC
Approvals	EN 50131-2-6 Grade 2, Class IIIA, INCERT B-582-0013, SBSC 9-198, Class 1/2, F&P
Connections	Cable
Drill diameter mm	9 – 10
Magnet type	Alnico 5
Make distance non-magnetic material (typical value) mm	23
Make distance magnetic material (typical value) mm	X
Contact rating	48 VDC / 500 mA / 10 VA
Tamper protection	Yes
Housing, Colour	Metal
Operating temperature range	-40 – +70 °C
Housing protection class	IP 67
Contact dimensions (L x Ø) mm	37 x 11
Magnet dimensions (L x Ø) mm	37 x 11

Ordering Information

Model	Description
MC 247	Recessed magnetic contact, 2 x NC, 2 m cable
MC 247-6	Recessed magnetic contact, 2 x NC, 6 m cable
MC 247-10	Recessed magnetic contact, 2 x NC, 10 m cable
MC 247-C	Recessed contact part without magnet, 2 x NC, 6 m cable

MC 250 Magnetic Contact



MC 250 is a universal magnetic contact in small format with NC function that can be used in both alarm and access control systems for monitoring e.g. doors and windows against unauthorized opening.

Both the contact and the magnet part are made of Al-alloy and formed in the shape of a threaded screw, which enables easy installation into wood or plastic.

With our extensive range of installation accessories it is easy to install the contact in different kinds of doors and windows.

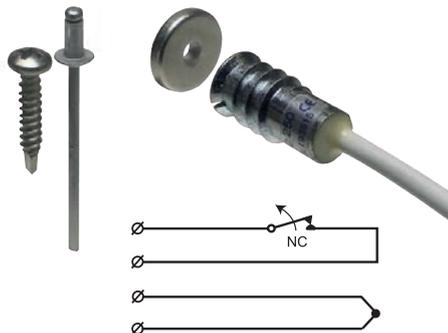
Technical Data

Installation method	Recessed mounting
Contact function	NC
Approvals	EN 50131-2-6 Grade 2, Class IIIA, VdS G 193514 Class B, INCERT B-582-0013, SBSC 9-199, Class 1/2, F&P, FG
Connections	Cable
Drill diameter mm	9 – 10
Magnet type	Neodymium (NdFeB)
Make distance non-magnetic material (typical value) mm	19
Make distance magnetic material (typical value) mm	X
Contact rating	48 VDC / 500 mA / 10 VA
Tamper protection	Yes
Housing, Colour	Metal
Operating temperature range	-40 – +70 °C
Housing protection class	IP 67
Contact dimensions (L x Ø) mm	23 x 11
Magnet dimensions (L x Ø) mm	15 x 11

Ordering Information

Model	Description
MC 250	Recessed magnetic contact, NC, 2 m cable
MC 250-6	Recessed magnetic contact, NC, 6 m cable
MC 250-10	Recessed magnetic contact, NC, 10 m cable
MC 250-P1K	Recessed magnetic contact, NC, 1K parallel resistance, 2 m cable
MC 250-P2,2K	Recessed magnetic contact, NC, 2,2K parallel resistance, 2 m cable

MC 250-M14 Magnetic Contact Set



MC 250-M14 consists of a MC 250 contact part and a strong M14 ring magnet and is designed for installation on windows protected by roller shutters.

It is perfect for installation in limited spaces and the the magnet is easy to install with the help of the enclosed rivet or screw.

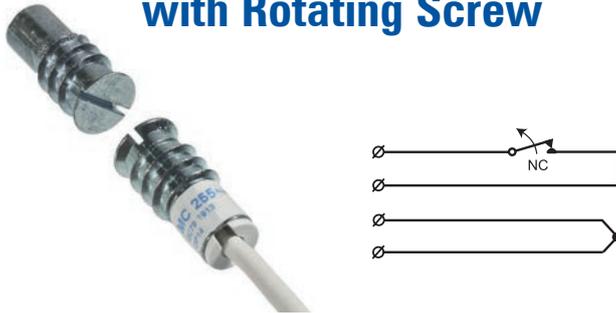
Technical Data

Installation method	Recessed mounting
Contact function	NC
Approvals	EN 50131-2-6 Grade 2, Class IIIA, VdS G 193514 Class B, INCERT B-582-0013, SBSC 9-199, Class 1/2, F&P, FG
Connections	Cable
Drill diameter mm	9 – 10
Magnet type	Neodymium (NdFeB)
Make distance non-magnetic material (typical value) mm	19
Make distance magnetic material (typical value) mm	X
Contact rating	48 VDC / 500 mA / 10 VA
Tamper protection	Yes
Housing, Colour	Metal
Operating temperature range	-40 – +70 °C
Housing protection class	IP 67
Contact dimensions (L x Ø) mm	23 x 11
Magnet dimensions (L x Ø) mm	3 x 14

Ordering Information

Model	Description
MC 250-M14	Recessed magnetic contact, NC, 2 m cable

MC 255 Magnetic Contact with Rotating Screw



MC 255 is a universal magnetic contact in small format with NC function that can be used both in alarm and access control systems for monitoring e.g. doors and windows against unauthorized opening.

Both the contact and the magnet part are made of Al-alloy and formed in the shape of a threaded screw, which allows for easy installation into wood or plastic.

The magnetic contact has a rotating screw system which protects the cable from mechanical stress in tight spaces.

With our extensive range of installation accessories it is easy to install the contact either recessed or as a surface mount on metal and other materials.

The contact part is sealed with special epoxy, making it water resistant.

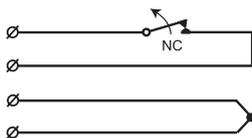
Technical Data

Installation method	Recessed mounting
Contact function	NC
Approvals	EN 50131-2-6 Grade 2, Class III A VdS G 115506, Class B, SBSC 15-236, Class 1/2, F&P, FG
Connection	Cable
Drill diameter mm	9 – 10
Magnet type	Neodymium (NdFeB)
Make distance non-magnetic material (typical value) mm	20
Make distance magnetic material (typical value) mm	X
Contact rating	48 VDC / 500 mA / 10 VA
Tamper protection	Yes
Housing material, Color	Metal
Operating temperature range	-40°C – +70°C
Housing protection class	IP 67
Contact dimensions (L x Ø) mm	23 x 11
Magnet dimensions (L x Ø) mm	22 x 11

Ordering Information

Model	Description
MC 255	Magnetic contact with rotating screw, 2 m cable
MC 255-6	Magnetic contact with rotating screw, 6 m cable
MC 255-10	Magnetic contact with rotating screw, 10 m cable
MC 255-20	Magnetic contact with rotating screw, 20 m cable
MC 255-P1K	Magnetic contact with rotating screw, 1K parallel resistor, 2 m cable
MC 255-P2,2K	Magnetic contact with rotating screw, 2,2K parallel resistor, 6 m cable
MC 255-P4,7K-6	Magnetic contact with rotating screw, 4,7K parallel resistor, 6 m cable
MC 255-P5,6K-6	Magnetic contact with rotating screw, 5,6K parallel resistor, 6 m cable

MC 255-LSZH Magnetic Contact with Rotating Screw and Halogen-Free Cable



MC 255-LSZH is a universal magnetic contact in small format with NC function and halogen-free cable that can be used both in alarm and access control systems for monitoring e.g. doors and windows against unauthorized opening.

Both the contact and the magnet part are made of Al-alloy and formed in the shape of a threaded screw, which allows for easy installation into wood or plastic.

The magnetic contact has a rotating screw system which protects the cable from mechanical stress in tight spaces.

With our extensive range of installation accessories it is easy to install the contact either recessed or as a surface mount on metal and other materials.

The contact part is sealed with special epoxy, making it water resistant.

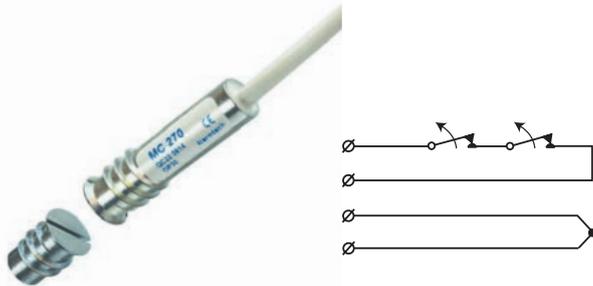
Technical Data

Installation method	Recessed mounting
Contact function	NC
Approvals	EN 50131-2-6 Grade 2, Class III A VdS G 115506, Class B, SBSC 15-236, Class 1/2, F&P, FG
Connection	Halogen-free cable
Drill diameter mm	9 – 10
Magnet type	Neodymium (NdFeB)
Make distance non-magnetic material (typical value) mm	20
Make distance magnetic material (typical value) mm	X
Contact rating	48 VDC / 500 mA / 10 VA
Tamper protection	Yes
Housing material, Color	Metal
Operating temperature range	-40°C – +70°C
Housing protection class	IP 67
Contact dimensions (L x Ø) mm	23 x 11
Magnet dimensions (L x Ø) mm	22 x 11

Ordering Information

Model	Description
MC 255-6-LSZH	Magnetic contact with rotating screw, 6 m halogen-free cable
MC 255-10-LSZH	Magnetic contact with rotating screw, 10 m halogen-free cable

MC 270 High Security Contact



MC 270 is a universal magnetic contact with NC function for high security systems that can be used both in alarm and access control systems for monitoring e.g. doors and windows against unauthorized opening.

The contact is specially designed for use in banks, museums, art galleries, stores, etc.

Both the contact and the magnet part are made of Al-alloy and formed in the shape of a threaded screw, which enables easy installation into wood or plastic.

With our extensive range of installation accessories it is easy to install the contact either recessed or as a surface mount on metal and other materials.

Contact and magnet are paired. To ensure proper functionality, do not replace the contact or magnet alone.

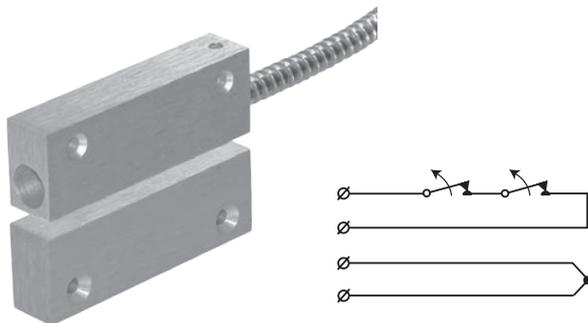
Technical Data

Installation method	Recessed mounting
Contact function	NC
Approvals	EN 50131-2-6 Grade 3, Class IIIA, VdS G 197063 Class C, INCERT B-582-0013, SBSC 9-205, Class 3/4, F&P, FG
Connections	Cable
Drill diameter mm	9 – 10
Magnet type	Alnico 5
Make distance non-magnetic material (typical value) mm	20/2
Make distance magnetic material (typical value) mm	X
Contact rating	48 VDC / 500 mA / 10 VA
Tamper protection	Yes
Housing, Colour	Metal
Operating temperature range	-40 – +70 °C
Housing protection class	IP 67
Contact dimensions (L x Ø) mm	37 x 11
Magnet dimensions (L x Ø) mm	15 x 11

Ordering Information

Model	Description
MC 270	Recessed high security contact, NC, 2 m cable
MC 270-6	Recessed high security contact, NC, 6 m cable
MC 270-10	Recessed high security contact, NC, 10 m cable

MC 270-S45 High Security Contact



The MC 270-S45 set is intended for use in exposed environments where a more durable high security contact is needed, such as doors, gates, etc.

The set consists of a contact part with NC contact function installed in MC 200-4 Al housing and an extra strong magnet in MC 200-5 Al housing, which allows for a wide opening gap.

MC 270-S45 set contains a 1 m long stainless steel Flexi-tube protection (MC T4).

Contact and magnet are paired. To ensure proper functionality, do not replace the contact or magnet alone.

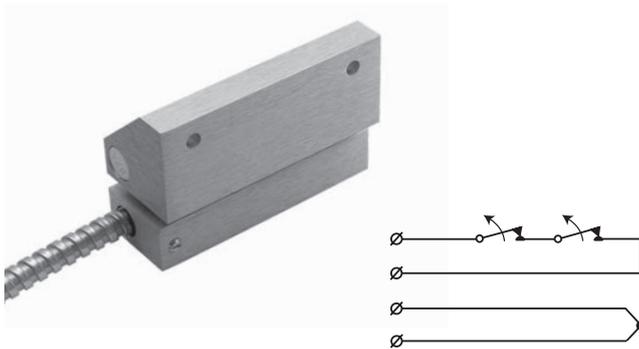
Technical Data

Installation method	Surface mount
Contact function	NC
Approvals	EN 50131-2-6 Grade 3, Class IIIA, VdS G 116028 Class C, INCERT B-582-0013, SBSC 9-205, Class 3/4, F&P, FG
Connections	Cable
Magnet type	Alnico 5
Make distance non-magnetic material (typical value) mm	34/20
Make distance magnetic material (typical value) mm	X
Contact rating	48 VDC / 500 mA / 10 VA
Tamper protection	Yes
Housing, Colour	Aluminium
Operating temperature range	-40 – +70 °C
Housing protection class	IP 67
Contact dimensions (L x W x H) mm	74 x 25 x 15
Magnet dimensions (L x W x H) mm	74 x 25 x 15

Ordering Information

Model	Description
MC 270-S45	High security contact set, 6 m cable

MC 270-S48 High Security Contact



The MC 270-S48 set is intended for use in exposed environments where a more durable high security contact is needed, such as garage doors, industrial gates, etc.

The set consists of MC 270-C contact part with NC contact function installed in MC 200-4 Al housing and an extra strong magnet in MC 200-8 Al housing, which allows for a wide opening gap.

MC 270-S48 set contains a 1 m long stainless steel Flexi-tube protection (MC T4).

Contact and magnet are paired. To ensure proper functionality, do not replace the contact or magnet alone.

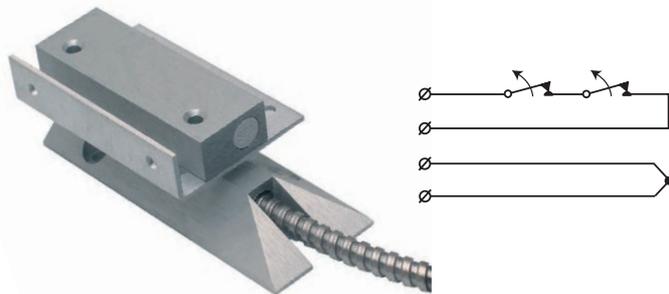
Technical Data

Installation method	Surface mount
Contact function	NC
Approvals	EN 50131-2-6 Grade 3, Class IIIA, VdS G 116028 Class C, INCERT B-582-0013, SBSC 9-205, Class 3/4, F&P, FG
Connections	Cable
Magnet type	Alnico 5
Make distance non-magnetic material (typical value) mm	33/20
Make distance magnetic material (typical value) mm	27/15 (with bracket MC L or MC Z)
Contact rating	48 VDC / 500 mA / 10 VA
Tamper protection	Yes
Housing, Colour	Aluminium
Operating temperature range	-40 – +70 °C
Housing protection class	IP 67
Contact dimensions (L x W x H) mm	74 x 25 x 15
Magnet dimensions (L x W x H) mm	74 x 30 x 30

Ordering Information

Model	Description
MC 270-S48	High security contact set, 6 m cable

MC 270-S56 High Security Contact



The MC 270-S56 set is intended for exposed environments where a more durable high security contact is needed, such as garage doors, industrial gates etc.

The set consists of MC 270-C contact with NC contact function installed in MC 200-6 Al housing and an extra strong magnet in MC 200-5 Al housing, which allows for a wide opening gap.

The part to be installed to the floor can bear the weight of a vehicle and the enclosed L-bracket (MC L) enables easy installation and a possibility to adjust the magnet part on the door.

MC 240-S56 set contains a 1 m long stainless steel Flexi-tube protection (MC T4).

Contact and magnet are paired. To ensure proper functionality, do not replace the contact or magnet alone.

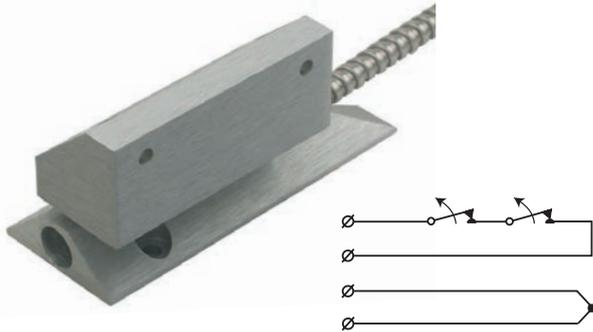
Technical Data

Installation method	Surface mount
Contact function	NC
Approvals	EN 50131-2-6 Grade 3, Class IIIA, VdS G 116030 Class C, INCERT B-582-0013, SBSC 9-205, Class 3/4, F&P, FG
Connections	Cable
Magnet type	Alnico 5
Make distance non-magnetic material (typical value) mm	36/20
Make distance magnetic material (typical value) mm	30/17
Contact rating	48 VDC / 500 mA / 10 VA
Tamper protection	Yes
Housing, Colour	Aluminium
Operating temperature range	-40 – +70 °C
Housing protection class	IP 67
Contact dimensions (L x W x H) mm	104 x 40 x 15
Magnet dimensions (L x W x H) mm	74 x 25 x 15

Ordering Information

Model	Description
MC 270-S56	High security contact set for floor mounting, 6 m cable

MC 270-S68 High Security Contact Floor Mounting



The MC 270-S68 set is intended for exposed environments where a more durable high security contact is needed, such as garage doors, industrial gates of folding or overhead type, etc.

The set consists of MC 270-C contact with NC contact function installed in MC 200-6 Al housing and an extra strong magnet in MC 200-8 Al housing, which allows for a wide opening gap.

The part to be installed to the floor can bear the weight of a vehicle.

MC 240-S68 set contains a 1 m long stainless steel Flexi-tube protection (MC T4).

Contact and magnet are paired. To ensure proper functionality, do not replace the contact or magnet alone.

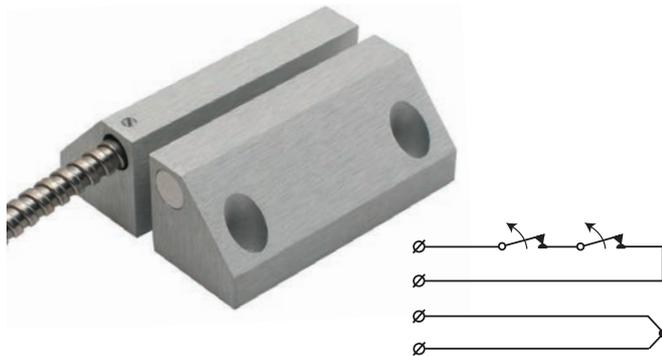
Technical Data

Installation method	Surface mount
Contact function	NC
Approvals	EN 50131-2-6 Grade 3, Class IIIA, VdS G 116030 Class C, INCERT B-582-0013, SBSC 9-205, Class 3/4, F&P, FG
Connections	Cable
Magnet type	Alnico 5
Make distance non-magnetic material (typical value) mm	36/20
Make distance magnetic material (typical value) mm	30/17
Contact rating	48 VDC / 500 mA / 10 VA
Tamper protection	Yes
Housing, Colour	Aluminium
Operating temperature range	-40 - +70 °C
Housing protection class	IP 67
Contact dimensions (L x W x H) mm	104 x 40 x 15
Magnet dimensions (L x W x H) mm	74 x 30 x 30

Ordering Information

Model	Description
MC 270-S68	High security contact set for floor mounting, 6 m cable

MC 270-S78 High Security Contact



The MC 270-S78 set is intended for exposed environments where a more durable high security contact is needed, such as steel and iron and industrial gates, etc.

The set consists of MC 270-C contact with NC contact function installed in MC 200-7 Al housing and an extra strong magnet in MC 200-8 Al housing, which allows for a wide opening gap.

MC 270-S78 set contains a 1 m long stainless steel Flexi-tube protection (MC T4).

Contact and magnet are paired. To ensure proper functionality, do not replace the contact or magnet alone.

Technical Data

Installation method	Surface mount
Contact function	NC
Approvals	EN 50131-2-6 Grade 3, Class IIIA, VdS G 116032 Class C, INCERT B-582-0013, SBSC 9-205, Class 3/4, F&P, FG
Connections	Cable
Magnet type	Alnico 5
Make distance non-magnetic material (typical value) mm	34/20
Make distance magnetic material (typical value) mm	25/17
Contact rating	48 VDC / 500 mA / 10 VA
Tamper protection	Yes
Housing, Colour	Aluminium
Operating temperature range	-40 – +70 °C
Housing protection class	IP 67
Contact dimensions (L x W x H) mm	74 x 30 x 30
Magnet dimensions (L x W x H) mm	74 x 30 x 30

Ordering Information

Model	Description
MC 270-S78	High security contact set, 6 m cable

MC 272 High Security Contact



MC 272 is a universal magnetic contact with a change-over (NC/NO) function for high security systems that can be used both in alarm and access control systems for monitoring e.g. doors and windows against unauthorized opening.

The contact is specially designed for use in banks, museums, art galleries, stores, etc. Both the contact and the magnet part are of Al-alloy and formed in the shape of a threaded screw, which enables easy installation into wood or plastic.

With our extensive range of installation accessories it is easy to install the contact recessed on metal and other materials.

Contact and magnet are paired. To ensure proper functionality, do not replace the contact or magnet alone.

Technical Data

Installation method	Recessed mounting
Contact function	Change-over (NC/NO)
Approvals	SBSC 9-206, Class 3/4
Connections	Cable
Drill diameter mm	9 – 10
Magnet type	Alnico 5
Make distance non-magnetic material (typical value) mm	20/2
Make distance magnetic material (typical value) mm	X
Contact rating	48 VDC / 250 mA / 5 VA
Tamper protection	Yes
Housing, Colour	Al-alloy
Operating temperature range	-40 - +70 °C
Housing protection class	IP 67
Contact dimensions (L x Ø) mm	37 x 11
Magnet dimensions (L x Ø) mm	37 x 11

Ordering Information

Model	Description
MC 272	Recessed high security contact, change-over, 2 m cable
MC 272-6	Recessed high security contact, change-over, 6 m cable
MC 272-10	Recessed high security contact, change-over, 10 m cable

MC 275 High Security Contact with Rotating Screw



MC 275 is a universal magnetic contact with NC function for high security systems that can be used both in alarm and access control systems for monitoring e.g. doors and windows against unauthorized opening.

The contact is specially designed for use in banks, museums, art galleries, stores, etc.

Both the contact and the magnet part are of Al-alloy and formed in the shape of a threaded screw, which enables easy installation into wood or plastic.

The magnetic contact has a rotating screw system which protects the cable from mechanical stress in tight spaces.

With our extensive range of installation accessories it is easy to install the contact recessed on metal and other materials.

Contact and magnet are paired. To ensure proper functionality, do not replace the contact or magnet alone.

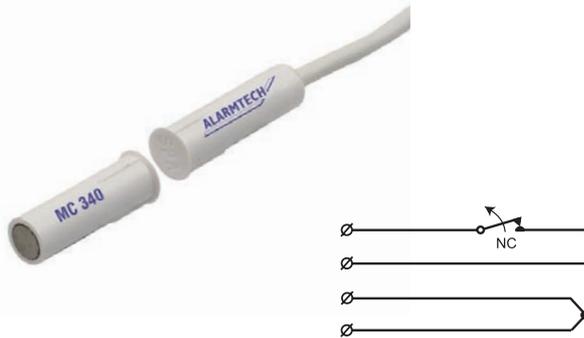
Technical Data

Installation method	Recessed mounting
Contact function	NC
Approvals	EN 50131-2-6 Grade 3, Class IIIA, VdS G 115008, Class C SBSC 15-237, Class 3/4, F&P, FG
Connection	Cable
Drill diameter mm	9 – 10
Magnet type	Neodymium (NdFeB)
Make distance non-magnetic material (typical value) mm	15/5
Make distance magnetic material (typical value) mm	X
Contact rating	48 VDC / 500 mA / 10 VA
Tamper protection	Yes
Housing material, colour	Al-alloy
Operating temperature range	-40°C – +70°C
Housing protection class	IP 67
Contact dimensions (L x Ø) mm	36 x 11
Magnet dimensions (L x Ø) mm	15 x 11

Ordering Information

Model	Description
MC 275	High security magnetic contact, recessed mounting, 2 m cable
MC 275-6	High security magnetic contact, recessed mounting, 6 m cable
MC 275-10	High security magnetic contact, recessed mounting, 10 m cable

MC 340 Magnetic contact



MC 340 is a universal magnetic contact with NC function that can be used in both alarm and access control systems for monitoring e.g. doors and windows against unauthorized opening.

Both the contact and the magnet part are encased in a water proof (IP67) plastic housing, which enables easy installation into wood without additional accessories.

With our extensive range of installation accessories it is easy to install the contact either recessed or as a surface mount on metal and other materials.

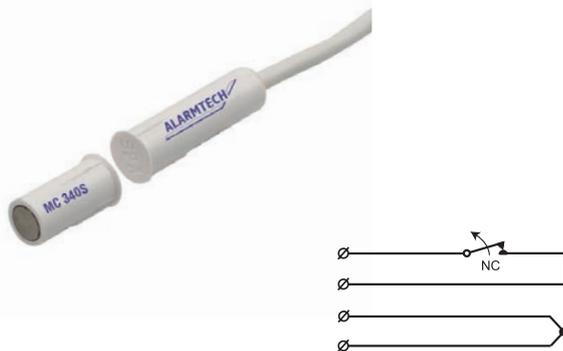
Technical Data

Installation method	Recessed mounting
Contact function	NC
Approvals	EN 50131-2-6 Grade 2, Class IIIA, VdS G 196670 Class B, INCERT B-582-0013, SBSC 9-200, Class 1/2, F&P, FG
Connections	Cable
Drill diameter mm	8
Magnet type	Alnico 5
Make distance non-magnetic material (typical value) mm	21
Make distance magnetic material (typical value) mm	X
Contact rating	48 VDC / 500 mA / 10 VA
Tamper protection	Yes
Housing, Colour	ABS plastic, white
Operating temperature range	-40 – +70 °C
Housing protection class	IP 67
Contact dimensions (L x Ø) mm	26 x 9
Magnet dimensions (L x Ø) mm	26 x 9

Ordering Information

Model	Description
MC 340	Recessed magnetic contact, NC, 2 m cable
MC 340-5	Recessed magnetic contact, NC, 5 m cable
MC 340-10	Recessed magnetic contact, NC, 10 m cable
MC 340-C	Recessed contact part, NC, 5 m cable

MC 340S Magnetic contact



MC 340S is a universal magnetic contact with NC function and an extra short magnet that can be used in both alarm and access control systems for monitoring e.g. doors and windows against unauthorized opening.

Both the contact and the magnet part are in a water proof (IP67) plastic housing, which enables easy installation into wood without additional accessories.

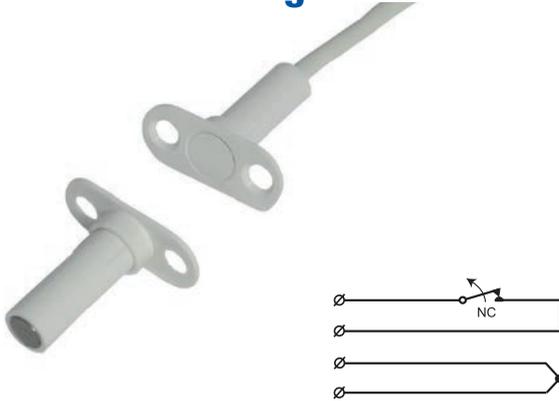
Technical Data

Installation method	Recessed mounting
Contact function	NC
Approvals	EN 50131-2-6 Grade 2, Class IIIA, VdS G 196670 Class B, INCERT B-582-0013, SBSC 9-200, Class 1/2, F&P, FG
Connections	Cable
Drill diameter mm	8
Magnet type	Neodymium (NdFeB)
Make distance non-magnetic material (typical value) mm	18
Make distance magnetic material (typical value) mm	X
Contact rating	48 VDC / 500 mA / 10 VA
Tamper protection	Yes
Housing, Colour	ABS plastic, white
Operating temperature range	-40 – +70 °C
Housing protection class	IP 67
Contact dimensions (L x Ø) mm	26 x 9
Magnet dimensions (L x Ø) mm	14 x 9

Ordering Information

Model	Description
MC 340S	Recessed magnetic contact, NC, 2 m cable
MC 340S-5	Recessed magnetic contact, NC, 5 m cable
MC 340S-10	Recessed magnetic contact, NC, 10 m cable

MC 340-S1 Magnetic Contact



MC 340-S1 is a universal magnetic contact set with NC function that can be used in both alarm and access control systems for monitoring e.g. doors and windows against unauthorized opening.

This set includes MC 340 and the small plastic flange set MC 300-S1 for recessed mounting with screw connection in non-magnetic door and window frames.

Both the contact and the magnet part are in a water proof (IP 67) plastic housing.

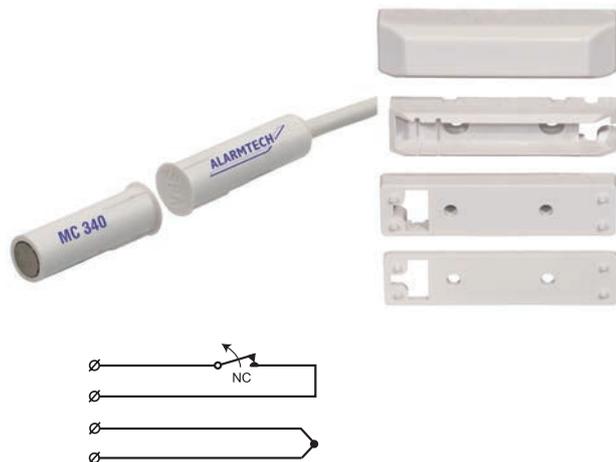
Technical Data

Installation method	Recessed mounting
Contact function	NC
Approvals	EN 50131-2-6 Grade 2, Class IIIA, VdS G 196670 Class B, INCERT B-582-0013, SBSC 9-200, Class 1/2, F&P, FG
Connections	Cable
Drill diameter mm	10
Magnet type	Alnico 5
Make distance non-magnetic material (typical value) mm	21
Make distance magnetic material (typical value) mm	X
Contact rating	48 VDC / 500 mA / 10 VA
Tamper protection	Yes
Housing, Colour	ABS plastic, white
Operating temperature range	-40 – +70 °C
Housing protection class	IP 67
Contact dimensions (L x W x H) mm	27 x 12 x 26
Magnet dimensions (L x W x H) mm	27 x 12 x 26

Ordering Information

Model	Description
MC 340-S1	Recessed magnetic contact, NC, 2 m cable
MC 340-S1-5	Recessed magnetic contact, NC, 5 m cable
MC 340-S1-10	Recessed magnetic contact, NC, 10 m cable

MC 340-S3 Magnetic Contact



MC 340-S3 is a universal magnetic contact set with NC function that can be used in alarm and access control systems for monitoring e.g. doors and windows against unauthorized opening. Both the contact and the magnet part are in a water proof (IP 67) plastic housing.

This set includes MC 340 and the plastic housing set MC 300-S3 for surface mount installation, the contact and magnet are snapped in to the plastic parts.

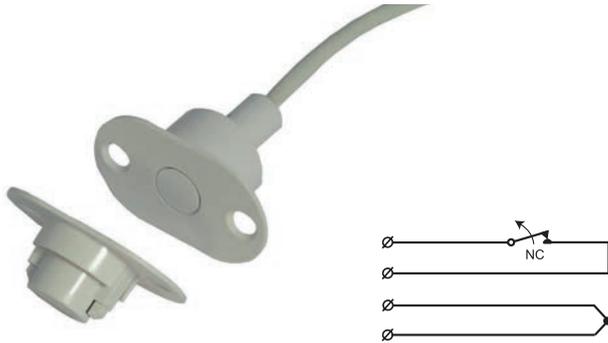
Technical Data

Installation method	Recessed / Surface mount
Contact function	NC
Approvals	EN 50131-2-6 Grade 2, Class IIIA, VdS G 196670 Class B, INCERT B-582-0013, SBSC 9-200, Class 1/2, F&P, FG
Connections	Cable
Drill diameter mm	8
Magnet type	Alnico 5
Make distance non-magnetic material (typical value) mm	17
Make distance magnetic material (typical value) mm	12 (with 1 spacer)
Contact rating	48 VDC / 500 mA / 10 VA
Tamper protection	Yes
Housing, Colour	ABS plastic, white
Operating temperature range	-40 – +70 °C
Housing protection class	IP 67
Contact dimensions, surface mount (L x W x H) mm	55 x 14 x 13
Magnet dimensions, surface mount (L x W x H) mm	55 x 14 x 13
Contact dimensions, recessed mount (L x Ø) mm	26 x 9
Magnet dimensions, surface mount (L x Ø) mm	26 x 9

Ordering Information

Model	Description
MC 340-S3	Recessed magnetic contact / Surface mount, NC, 2 m cable
MC 340-S3-5	Recessed magnetic contact / Surface mount, NC, 5 m cable
MC 340-S3-10	Recessed magnetic contact / Surface mount, NC, 10 m cable

MC 340-S12 Magnetic Contact for Steel Doors



MC 340-S12 is a universal magnetic contact with NC function that can be used in both alarm and access control systems for monitoring e.g. doors and windows against unauthorized opening.

This set includes MC 340 and the plastic adapter set MC 300-S12 with a strong magnet enabling recessed installation with screw connection to door and window frames of steel, or in spaces where a larger operation gap is required.

Both the contact and the magnet part are in a water proof (IP 67) plastic housing.

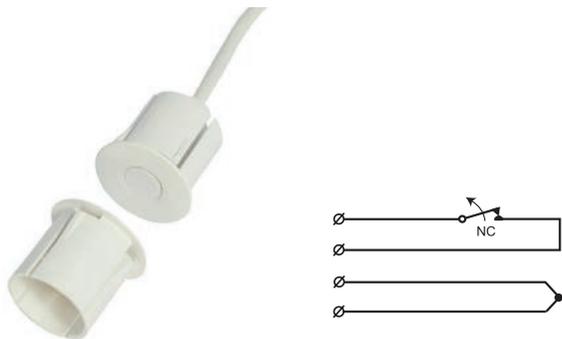
Technical Data

Installation method	Recessed mounting
Contact function	NC
Approvals	EN 50131-2-6 Grade 2, Class IIIA, VdS G 196670 Class B, INCERT B-582-0013, SBSC 9-200, Class 1/2, F&P, FG
Connections	Cable
Drill diameter mm	19
Magnet type	Alnico 5
Make distance non-magnetic material (typical value) mm	35
Make distance magnetic material (typical value) mm	22
Contact rating	48 VDC / 500 mA / 10 VA
Tamper protection	Yes
Housing, Colour	ABS plastic, white
Operating temperature range	-40 - +70 °C
Housing protection class	IP 67
Contact dimensions (L x W x H) mm	35 x 22 x 26
Magnet dimensions (L x W x H) mm	35 x 22 x 12

Ordering Information

Model	Description
MC 340-S12	Recessed magnetic contact for steel doors, NC, 2 m cable
MC 340-S12-5	Recessed magnetic contact for steel doors, NC, 5 m cable
MC 340-S12-10	Recessed magnetic contact for steel doors, NC, 10 m cable

MC 340-S32 Magnetic Contact for Steel Doors



MC 340-S32 is a universal magnetic contact with NC function that can be used in both alarm and access control systems for monitoring e.g. doors and windows against unauthorized opening.

This set includes MC 340 and the snap-in plastic adapter set MC 300-S32 with a strong magnet enabling installation in door and window frames of steel, or in spaces where a larger operation gap is required. With snap-in function for two different thickness dimensions, 1 and 1.5 mm.

Both the contact and the magnet part are in a water proof (IP 67) plastic housing.

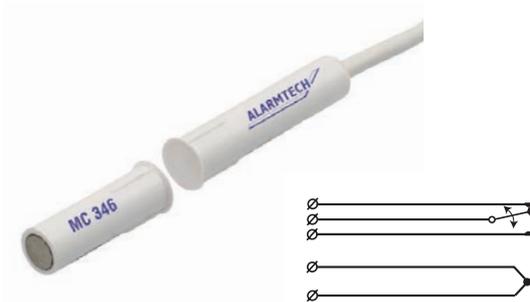
Technical Data

Installation method	Recessed mounting
Contact function	NC
Approvals	EN 50131-2-6 Grade 2, Class IIIA, VdS G 196670 Class B, INCERT B-582-0013, SBSC 9-200, Class 1/2, F&P, FG
Connections	Cable
Drill diameter mm	19
Magnet type	Alnico 5
Make distance non-magnetic material (typical value) mm	35
Make distance magnetic material (typical value) mm	22
Contact rating	48 VDC / 500 mA / 10 VA
Tamper protection	Yes
Housing, Colour	ABS plastic, white
Operating temperature range	-40 – +70 °C
Housing protection class	IP 67
Contact dimensions (L x Ø) mm	26 x 23
Magnet dimensions (L x Ø) mm	20 x 23

Ordering Information

Model	Description
MC 340-S32	Recessed magnetic contact for steel doors, NC, 2 m cable
MC 340-S32-5	Recessed magnetic contact for steel doors, NC, 5 m cable
MC 340-S32-10	Recessed magnetic contact for steel doors, NC, 10 m cable

MC 346 Magnetic Contact



MC 346 is a universal magnetic contact with change-over (NC/NO) function that can be used in both alarm and access control systems for monitoring e.g. doors and windows against unauthorized opening.

Both the contact and the magnet part are in a water proof (IP 67) plastic housing, which enables easy installation into wood without additional accessories.

With our extensive range of installation accessories it is easy to install the contact either recessed or as a surface mount.

Technical Data

Installation method	Recessed mounting
Contact function	Change-over (NC/NO)
Approvals	EN 50131-2-6 Grade 2, Class IIIA, INCERT B-582-0014, SBSC 9-203, Class 1/2
Connections	Cable
Drill diameter mm	8
Magnet type	Alnico 5
Make distance non-magnetic material (typical value) mm	13
Make distance magnetic material (typical value) mm	X
Contact rating	48 VDC / 250 mA / 5 VA
Tamper protection	Yes
Housing, Colour	ABS plastic, white
Operating temperature range	-40 – +70 °C
Housing protection class	IP 67
Contact dimensions (L x Ø) mm	26 x 9
Magnet dimensions (L x Ø) mm	26 x 9

Ordering Information

Model	Description
MC 346	Recessed magnetic contact, change-over, 2 m cable
MC 346-5	Recessed magnetic contact, change-over, 5 m cable
MC 346-10	Recessed magnetic contact, change-over, 10 m cable
MC 346-C	Recessed contact part without magnet, change-over, 5 m cable

MC 347 Magnetic Contact



MC 347 is a universal magnetic contact with double NC function that can be used in both alarm and access control systems for monitoring e.g. doors and windows against unauthorized opening.

Both the contact and the magnet part are in a water proof (IP 67) plastic housing, which enables easy installation into wood without additional accessories.

With our extensive range of installation accessories it is easy to install the contact either recessed or as a surface mount on metal and other materials.

Technical Data

Installation method	Recessed mounting
Contact function	Double (2 x) NC
Approvals	EN 50131-2-6 Grade 2, Class IIIA SBSC 9-204, Class 1/2
Connections	Cable
Drill diameter mm	8
Magnet type	Alnico 5
Make distance non-magnetic material (typical value) mm	18
Make distance magnetic material (typical value) mm	X
Contact rating	48 VDC / 500 mA / 10 VA
Tamper protection	Yes
Housing, Colour	ABS plastic, white
Operating temperature range	-40 – +70 °C
Housing protection class	IP 67
Contact dimensions (L x Ø) mm	36 x 9
Magnet dimensions (L x Ø) mm	26 x 9

Ordering Information

Model	Description
MC 347	Recessed magnetic contact, 2 x NC, 2 m cable
MC 347-5	Recessed magnetic contact, 2 x NC, 5 m cable
MC 347-10	Recessed magnetic contact, 2 x NC, 10 m cable
MC 347-C	Recessed contact part without magnet, 2 x NC, 5 m cable

MC 370 High Security Contact



MC 370 is a high security magnetic contact with NC function that can be used both in alarm and access control systems for monitoring doors and windows against unauthorized opening.

The contact is specially designed for use in banks, museums, art galleries, stores, etc. Both the contact and the magnet part are in a water proof (IP 67) plastic housing, which enables easy installation into wood without additional accessories.

Contact and magnet are paired. To ensure proper functionality, do not replace the contact or magnet alone.

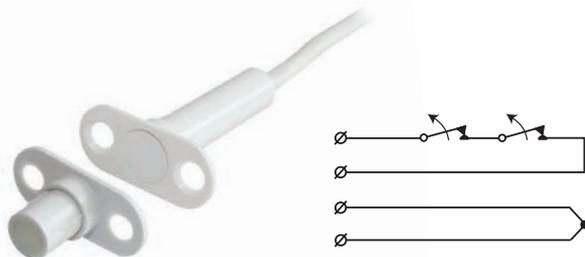
Technical Data

Installation method	Recessed mounting
Contact function	NC
Approvals	EN 50131-2-6 Grade 3, Class IIIA, VdS G 197081 Class C, INCERT B-582-0013, SBSC 9-207, Class 3/4, F&P, FG
Connection	Cable
Drill diameter mm	8
Magnet type	Alnico 5
In case of non-magnetic material closes at (typical value) mm	16/5
In case of magnetic material closes at (typical value) mm	X
Contact data	48 VDC / 500 mA / 10 VA
Sabotage protection	Yes
Housing, Colour	ABS plastic, white
Operating temperature range	-40 – +70 °C
Housing protection class	IP 67
Contact dimensions (L x Ø) mm	36 x 9
Magnet dimensions (L x Ø) mm	14 x 9

Ordering Information

Model	Description
MC 370	Recessed high security contact, NC, 2 m cable
MC 370-5	Recessed high security contact, NC, 5 m cable
MC 370-10	Recessed high security contact, NC, 10 m cable

MC 370-S1 High Security Contact



MC 370-S1 is a high security magnetic contact set with NC function that can be used in both alarm and access control systems for monitoring doors and windows against unauthorized opening.

The contact is specially designed for use in banks, museums, art galleries, stores, etc.

This set includes MC 370 and the small plastic adapter set MC 300-S1 for recessed installation with screws in non-magnetic door and window frames.

Both the contact and the magnet part are in a water proof (IP 67) plastic housing, which enables easy installation into wood without additional accessories.

Contact and magnet are paired. To ensure proper functionality, do not replace the contact or magnet alone.

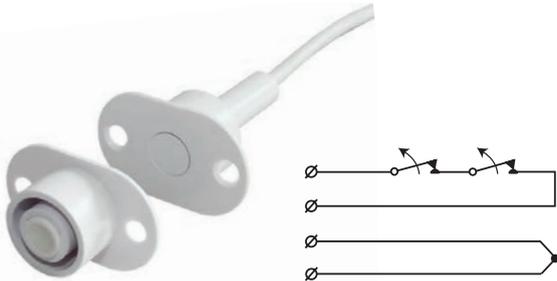
Technical Data

Installation method	Recessed mounting
Contact function	NC
Approvals	EN 50131-2-6 Grade 3, Class IIIA, VdS G 197081 Class C, INCERT B-582-0013, SBSC 9-207, Class 3/4, F&P, FG
Connections	Cable
Drill diameter mm	10
Magnet type	Alnico 5
Make distance non-magnetic material (typical value) mm	16/5
Make distance magnetic material (typical value) mm	X
Contact rating	48 VDC / 500 mA / 10 VA
Tamper protection	Yes
Housing, Colour	ABS plastic, white
Operating temperature range	-40 – +70 °C
Housing protection class	IP 67
Contact dimensions (L x W x H) mm	27 x 12 x 36
Magnet dimensions (L x W x H) mm	14 x 12 x 9

Ordering Information

Model	Description
MC 370-S1	Recessed high security contact, NC, 2 m cable
MC 370-S1-5	Recessed high security contact, NC, 5 m cable
MC 370-S1-10	Recessed high security contact, NC, 10 m cable

MC 370-S11 High Security Contact



MC 370-S11 is a high security magnetic contact set with NC function that can be used in both alarm and access control systems for monitoring doors and windows against unauthorized opening.

The contact is specially designed for use in banks, museums, art galleries, stores, etc.

This set includes MC 370 and the plastic adapter set MC 300-S11 for recessed installation with screws in non-magnetic door and window frames.

Both the contact and the magnet part are in a water proof (IP 67) plastic housing, which enables easy installation in wood without additional accessories.

Contact and magnet are paired. To ensure proper functionality, do not replace the contact or magnet alone.

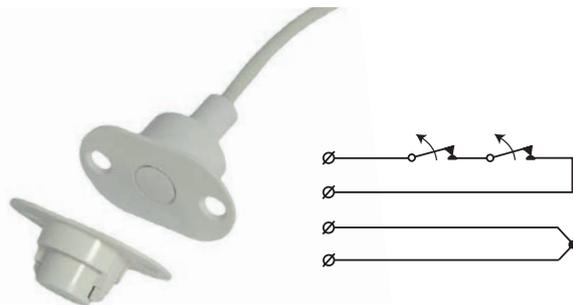
Technical Data

Installation method	Recessed mounting
Contact function	NC
Approvals	EN 50131-2-6 Grade 3, Class IIIA, VdS G 197081 Class C, INCERT B-582-0013, SBSC 9-207, Class 3/4, F&P, FG
Connections	Cable
Drill diameter mm	19
Magnet type	Alnico 5
Make distance non-magnetic material (typical value) mm	16/5
Make distance magnetic material (typical value) mm	16/0
Contact rating	48 VDC / 500 mA / 10 VA
Tamper protection	Yes
Housing, Colour	ABS plastic, white
Operating temperature range	-40 – +70 °C
Housing protection class	IP 67
Contact dimensions (L x W x H) mm	35 x 22 x 36
Magnet dimensions (L x W x H) mm	35 x 22 x 12

Ordering Information

Model	Description
MC 370-S11	Recessed high security contact, NC, 2 m cable
MC 370-S11-5	Recessed high security contact, NC, 5 m cable
MC 370-S11-10	Recessed high security contact, NC, 10 m cable

MC 370-S12 High Security Contact Set for Steel Doors



MC 370-S12 is a high security magnetic contact set with NC function that can be used in both alarm and access control systems for monitoring doors and windows against unauthorized opening.

The contact is specially designed for use in banks, museums, art galleries, stores, etc.

This set includes MC 370 and the plastic adapter set MC 300-S12 with strong magnet for recessed mounting with screws in door and window frames of steel, or where an increased operation gap is needed.

Both the contact and the magnet part are in a water proof (IP 67) plastic housing, which enables easy installation without additional accessories.

Contact and magnet are paired. To ensure proper functionality, do not replace the contact or magnet alone.

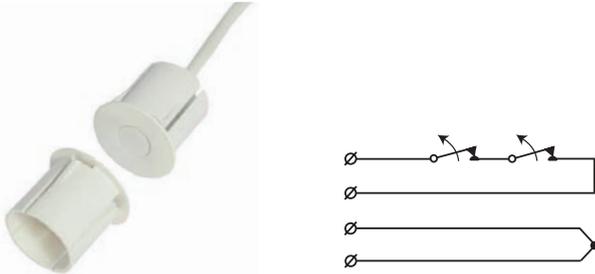
Technical Data

Installation method	Recessed mounting
Contact function	NC
Approvals	EN 50131-2-6 Grade 3, Class IIIA, VdS G 197081 Class C, INCERT B-582-0013, SBSC 9-207, Class 3/4, F&P, FG
Connections	Cable
Drill diameter mm	19
Magnet type	Alnico 5
Make distance non-magnetic material (typical value) mm	30/9
Make distance magnetic material (typical value) mm	24/10
Contact rating	48 VDC / 500 mA / 10 VA
Tamper protection	Yes
Housing, Colour	ABS plastic, white
Operating temperature range	-40 – +70 °C
Housing protection class	IP 67
Contact dimensions (L x W x H) mm	35 x 22 x 36
Magnet dimensions (L x W x H) mm	35 x 22 x 12

Ordering Information

Model	Description
MC 370-S12	Recessed high security contact for steel doors, NC, 2 m cable
MC 370-S12-5	Recessed high security contact for steel doors, NC, 5 m cable
MC 370-S12-10	Recessed high security contact for steel doors, NC, 10 m cable

MC 370-S31 High Security Contact



MC 370-S31 is a high security magnetic contact set with NC function that can be used in both alarm and access control systems for monitoring doors and windows against unauthorized opening.

The contact is specially designed for use in banks, museums, art galleries, stores, etc.

This set includes MC 370 and a plastic adapter set MC 300-S31 for recessed mounting with snap-in function in door and window frames.

The snap-in function is for material thickness between 1 mm and 1.5 mm.

Both the contact and the magnet part are in a water proof (IP 67) plastic housing, which enables easy installation without additional accessories.

Contact and magnet are paired. To ensure proper functionality, do not replace the contact or magnet alone.

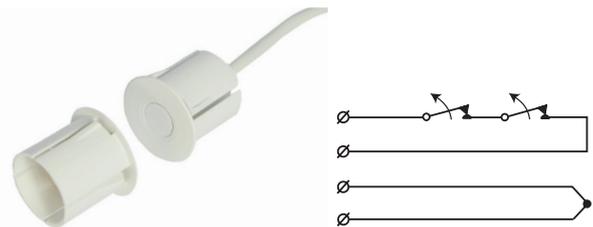
Technical Data

Installation method	Recessed mounting
Contact function	NC
Approvals	EN 50131-2-6 Grade 3, Class IIIA, VdS G 197081 Class C, INCERT B-582-0013, SBSC 9-207, Class 3/4, F&P, FG
Connection	Cable
Drill diameter mm	19
Magnet type	Alnico 5
Make distance non-magnetic material (typical value) mm	20/2
Make distance magnetic material (typical value) mm	14/0
Contact rating	48 VDC / 500 mA / 10 VA
Tamper protection	Yes
Housing material, colour	ABS plastic, White
Operating temperature range	-40°C - +70°C
Housing protection class	IP 67
Contact dimensions (L x Ø) mm	36 x 23
Magnet dimensions (L x Ø) mm	26 x 23

Ordering Information

Model	Description
MC 370-S31	Recessed high security contact, NC, 2 m cable
MC 370-S31-5	Recessed high security contact, NC, 5 m cable
MC 370-S31-10	Recessed high security contact, NC, 10 m cable

MC 370-S32 High Security Contact for Steel Doors



MC 370-S32 is a high security magnetic contact set with NC function that can be used in both alarm and access control systems for monitoring doors and windows against unauthorized opening.

The contact is specially designed for use in banks, museums, art galleries, stores, etc.

This set includes MC 370 and a plastic adapter set MC 300-S32 with strong magnet for recessed mounting with snap-in function in door and window frames of steel, or where an increased operation gap is needed.

The snap-in function is for material thickness between 1 mm and 1.5 mm.

Both the contact and the magnet part are in a water proof (IP 67) plastic housing, which enables easy installation without additional accessories.

Contact and magnet are paired. To ensure proper functionality, do not replace the contact or magnet alone.

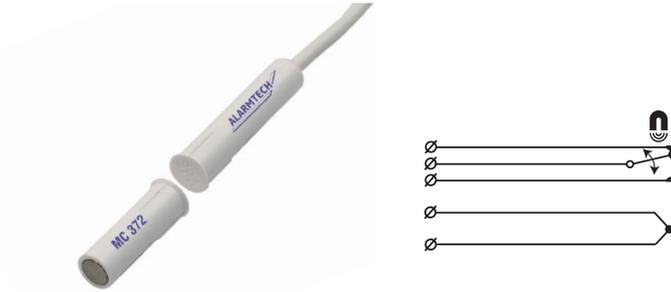
Technical Data

Installation method	Recessed mounting
Contact function	NC
Approvals	EN 50131-2-6 Grade 3, Class IIIA, VdS G 197081 Class C, INCERT B-582-0013, SBSC 9-207, Class 3/4, F&P, FG
Connection	Cable
Drill diameter mm	19
Magnet type	Alnico 5
Make distance non-magnetic material (typical value) mm	30/9
Make distance magnetic material (typical value) mm	20/8
Contact rating	48 VDC / 500 mA / 10 VA
Tamper protection	Yes
Housing material, Colour	ABS plastic, White
Operating temperature range	-40°C – +70°C
Housing protection class	IP 67
Contact dimensions (L x Ø) mm	36 x 23
Magnet dimensions (L x Ø) mm	20 x 23

Ordering Information

Model	Description
MC 370-S32	Recessed high security contact for steel doors, NC, 2 m cable
MC 370-S32-5	Recessed high security contact for steel doors, NC, 5 m cable
MC 370-S32-10	Recessed high security contact for steel doors, NC, 10 m cable

MC 372 High Security Contact



MC 372 is a high security magnetic contact with change-over NC/NO function that can be used in both alarm and access control systems for monitoring doors and windows against unauthorized opening.

The contact is specially designed for use in banks, museums, art galleries, stores, etc.

Both the contact and the magnet part are in a water proof (IP 67) plastic housing, which enables easy installation into wood without additional accessories.

Contact and magnet are paired. To ensure proper functionality, do not replace the contact or magnet alone.

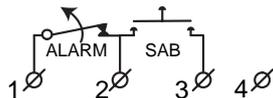
Technical Data

Installation method	Recessed mounting
Contact function	Change-over (NC/NO)
Approvals	SBSC 9-208, Class 3/4
Connection	Cable
Drill diameter mm	8
Magnet type	Alnico 5
Make distance non-magnetic material (typical value) mm	20/2
Make distance magnetic material (typical value) mm	X
Contact rating	48 VDC / 250 mA / 5 VA
Tamper protection	Yes
Housing material, Colour	ABS plastic, White
Operating temperature range	-40°C - +70°C
Housing protection class	IP 67
Contact dimensions (L x Ø) mm	36 x 9
Magnet dimensions (L x Ø) mm	26 x 9

Ordering Information

Model	Description
MC 372	Recessed high security contact, change-over, 2 m cable
MC 372-5	Recessed high security contact, change-over, 5 m cable
MC 372-10	Recessed high security contact, change-over, 10 m cable

MC 440 Magnetic Contact



MC 440 is a surface mount magnetic contact with NC function and 4 screw terminals. It can be used in both alarm and access control systems for monitoring e.g. doors and windows against unauthorized opening. It is equipped with tamper protection.

The magnetic contact has a wide gap which allows for installation on most materials such as wood, plastic, aluminium and steel. Enclosed are plastic spacers for installation on steel.

The contact can be supplemented with different accessories such as brackets and extra strong magnets. If additional spacers are needed use MC 400-6 and/or MC 400-7.

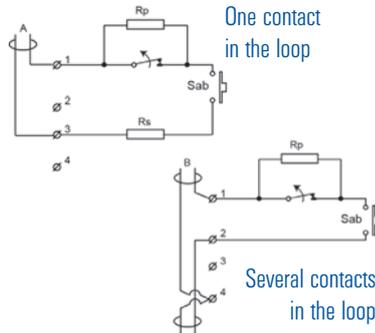
Technical Data

Installation method	Surface mount
Contact function	NC
Approvals	EN 50131-2-6 Grade 2, Class II, INCERT B-582-0013, SBSC 9-210, Class 1/2, F&P, FG
Connection	Screw terminals
Magnet type	Alnico 5
Make distance non-magnetic material (typical value) mm	37
Make distance magnetic material (typical value) mm	24
Contact rating	48 VDC / 500 mA / 10 VA
Tamper protection	Yes
Housing material, Colour	ABS plastic, White
Operating temperature range	-40°C – +70°C
Housing protection class	IP 43
Contact dimensions (L x W x H) mm	65 x 20 x 15
Magnet dimensions (L x W x H) mm	65 x 15 x 14,5

Ordering Information

Model	Description
MC 440	Magnetic contact, surface mounting, NC, tamper protection, screw terminals
MC 440-B	MC 440 brown design
MC 440-BL	MC 440 black design
MC 400-6	Plastic spacer contact part
MC 400-7	Plastic spacer magnet part

MC 440 with Built-In Resistors



The magnetic contact MC 440 with 2 built-in resistors for a balanced circuit. When installing the magnetic contact it is easy to select if one resistor or both should be used (see wiring diagram) For quick and easy installation the magnetic contact comes with screw terminals with wire protection. It is equipped with tamper protection against unauthorized opening.

The magnetic contact has a wide gap which allows for installation on most materials such as wood, plastic, aluminium and steel. Enclosed are plastic spacers for installation on steel.

The contact can be supplemented with different accessories such as brackets and extra strong magnets. If additional spacers are needed use MC 400-6 and/or MC 400-7.

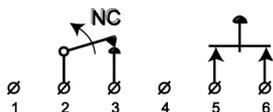
Technical Data

Installation method	Surface mount
Contact function	NC
Approvals	EN 50131-2-6 Grade 2, Class II INCERT B-582-0013, SBSC 9-210, Class 1/2, F&P, FG
Connection	Screw terminals
Magnet type	Alnico 5
Make distance non-magnetic material (typical value) mm	37
Make distance magnetic material (typical value) mm	24
Contact rating	48 VDC / 500 mA / 10 VA
Tamper protection	Yes
Housing material, Colour	ABS plastic, White
Operating temperature range	-40°C – +70°C
Housing protection class	IP 43
Contact dimensions (L x W x H) mm	65 x 20 x 15
Magnet dimensions (L x W x H) mm	65 x 15 x 14,5

Ordering Information

Model	Description
MC 440-2x1K	Magnetic contact, surface mounting, NC, with two 1K resistors, tamper protection
MC 440-2x2,2K	Magnetic contact, surface mounting, NC, with two 2,2K resistors, tamper protection
MC 440-2x3,3K	Magnetic contact, surface mounting, NC, with two 3,3K resistors, tamper protection
MC 440-2x4,7K	Magnetic contact, surface mounting, NC, with two 4,7K resistors, tamper protection
MC 440-2x5,6K	Magnetic contact, surface mounting, NC, with two 5,6K resistors, tamper protection

MC 440-T Magnetic contact



MC 440-T is a surface mount magnetic contact with NC function and with 6 screw connections. It can be used in both in alarm and access control systems for monitoring e.g. doors and windows against unauthorised opening.

It has screw terminals with wire protection and a sabotage contact. Enclosed are plastic spacers for installation on steel. The contact can be supplemented with different accessories such as brackets and extra strong magnets.

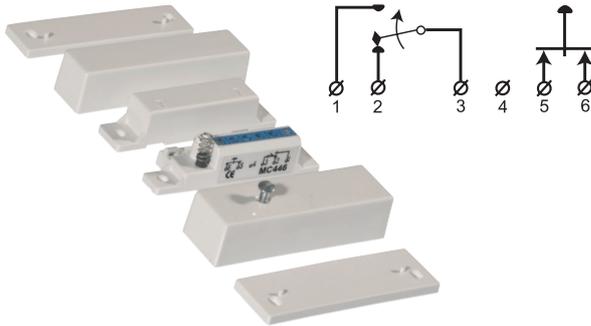
Technical Data

Installation method	Surface mount
Contact function	NC
Approvals	EN 50131-2-6 Grade 2, Class II, INCERT B-582-0013, SBSC 9-211, Class 1/2, F&P, FG
Connections	6 Screw terminals
Magnet type	Alnico 5
Make distance non-magnetic material (typical value) mm	31
Make distance magnetic material (typical value) mm	16 (with one spacer)
Contact rating	48 VDC / 500 mA / 10 VA
Tamper protection	Yes
Housing, Colour	ABS plastic, white or brown
Operating temperature range	-40 – +70 °C
Housing protection class	IP 43
Contact dimensions (L x W x H) mm	65 x 20 x 15
Magnet dimensions (L x W x H) mm	65 x 14 x 10

Ordering Information

Model	Description
MC 440-T	Magnetic contact, surface mount, NC, sabotage protection, screw terminal

MC 446 Magnetic contact



MC 446 is a surface mount magnetic contact with change-over NC/NO function and with 6 screw connections. It can be used in both in alarm and access control systems for monitoring e.g. doors and windows against unauthorised opening.

It has screw terminals with wire protection and a sabotage contact. Enclosed are plastic spacers for installation on steel.

The contact can be supplemented with different accessories such as brackets and extra strong magnets.

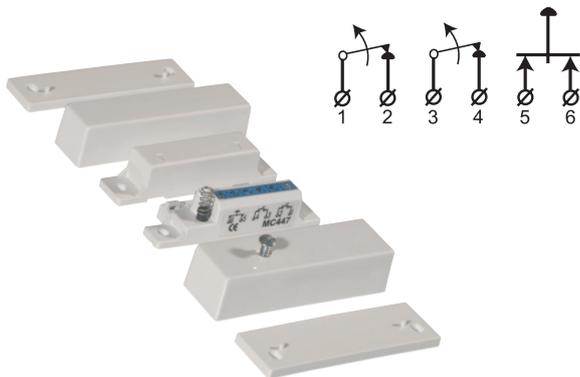
Technical Data

Installation method	Surface mount
Contact function	Change-over (NC/NO)
Approvals	EN 50131-2-6 Grade 2, Class II, INCERT B-582-0014, SBSC 9-212, Class 1/2, F&P, FG
Connections	6 Screw terminals
Magnet type	Alnico 5
Make distance non-magnetic material (typical value) mm	26
Make distance magnetic material (typical value) mm	14 (with one spacer)
Contact rating	48 VDC / 250 mA / 5 VA
Tamper protection	Yes
Housing, Colour	ABS plastic, white
Operating temperature range	-40 – +70 °C
Housing protection class	IP 43
Contact dimensions (L x W x H) mm	65 x 20 x 15
Magnet dimensions (L x W x H) mm	65 x 14 x 10

Ordering Information

Model	Description
MC 446	Magnetic contact, surface mount, change-over, sabotage protection, screw terminal

MC 447 Magnetic contact



MC 447 is a surface mount magnetic contact with double NC function and 6 screw terminals. It can be used in both alarm and access control systems for monitoring e.g. doors and windows against unauthorised opening.

It has screw terminals with wire protection and a sabotage contact. Enclosed are plastic spacers for installation on steel.

The contact can be supplemented with different accessories such as brackets and extra strong magnets.

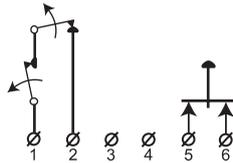
Technical Data

Installation method	Surface mount
Contact function	Double (2 x) NC
Approvals	EN 50131-2-6 Grade 2, Class II, INCERT B-582-0013, SBSC 9-213, Class 1/2, F&P, FG
Connections	6 Screw terminals
Magnet type	Alnico 5
Make distance non-magnetic material (typical value) mm	25
Make distance magnetic material (typical value) mm	12 (with spacers)
Contact rating	48 VDC / 500 mA / 10 VA
Tamper protection	Yes
Housing, Colour	ABS plastic, white
Operating temperature range	-40 – +70 °C
Housing protection class	IP 43
Contact dimensions (L x W x H) mm	65 x 20 x 15
Magnet dimensions (L x W x H) mm	65 x 14 x 10

Ordering Information

Model	Description
MC 447	Magnetic contact, surface mount, 2 x NC, sabotage protection, screw terminal

MC 470 High Security Contact



MC 470 is a surface mount high security contact with NC function with 6 screw connections and sabotage contact.

The contact is specially designed for use in banks, museums, art galleries, stores, etc.

It has screw terminals with wire protection and a sabotage contact. Enclosed are plastic spacers for installation on steel.

The contact can be supplemented with different accessories such as brackets and extra strong magnets.

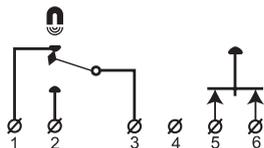
Technical Data

Installation method	Surface mount
Contact function	NC
Approvals	EN 50131-2-6 Grade 3, Class II, INCERT B-582-0013, SBSC 9-201, Class 3/4, F&P, FG
Connections	6 Screw terminals
Magnet type	Alnico 5
Make distance non-magnetic material (typical value) mm	27/16
Make distance magnetic material (typical value) mm	10/0 (with 1 spacer)
Contact rating	48 VDC / 500 mA / 10 VA
Tamper protection	Yes
Housing, Colour	ABS plastic, white
Operating temperature range	-40 – +70 °C
Housing protection class	IP 43
Contact dimensions (L x W x H) mm	65 x 20 x 15
Magnet dimensions (L x W x H) mm	65 x 14 x 10

Ordering Information

Model	Description
MC 470	High security contact, surface mount, NC, sabotage protection, screw terminal

MC 472 High Security Contact



MC 472 is a surface mount high security contact with change over NC/NO function with 6 screw terminals and sabotage contact.

The contact is specially designed for use in banks, museums, art galleries, stores, etc.

It has screw terminals with wire protection and a sabotage contact. Enclosed are plastic spacers for installation on steel.

The contact can be supplemented with different accessories such as brackets and extra strong magnets.

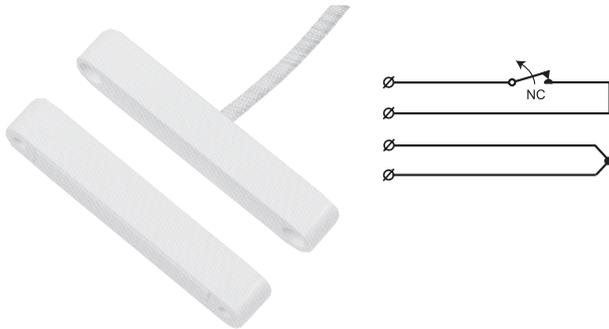
Technical Data

Installation method	Surface mount
Contact function	Change-over (NC/NO)
Approvals	EN 50131-2-6 Grade 3, Class II, INCERT B-582-0014, SBSC 9-217, Class 3/4
Connections	6 Screw terminals
Magnet type	Alnico 5
Make distance non-magnetic material (typical value) mm	21/5
Make distance magnetic material (typical value) mm	10/0 (with one spacer)
Contact rating	48 VDC / 250 mA / 5 VA
Tamper protection	Yes
Housing, Colour	ABS plastic, white
Operating temperature range	-40 – +70 °C
Housing protection class	IP 43
Contact dimensions (L x W x H) mm	65 x 20 x 15
Magnet dimensions (L x W x H) mm	65 x 14 x 10

Ordering Information

Model	Description
MC 472	High security contact, surface mount, change-over, sabotage protection, screw terminal

MC 640-5 Magnetic contact



MC 640 is a magnetic contact with NC function that can be used in both alarm and access control systems for monitoring e.g. doors and windows against unauthorized opening.

Both the contact and the magnet part are in a water proof (IP 67) plastic housing for recessed and surface installation.

The accessory MC 600-1 is a flange for installation in hollow profiles or window frames.

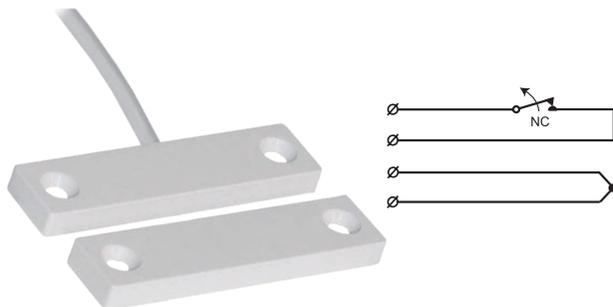
Technical Data

Installation method	Recessed and surface mount
Contact function	NC
Approvals	EN 50131-2-6 Grade 2, Class IIIA, VdS G 199523 Class B, INCERT B-582-0013, SBSC 9-215, Class 1/2, F&P, FG
Connections	Cable
Magnet type	Alnico 5
Make distance non-magnetic material (typical value) mm	24
Make distance magnetic material (typical value) mm	6
Contact rating	48 VDC / 500 mA / 10 VA
Tamper protection	Yes
Housing, Colour	ABS plastic, white
Operating temperature range	-40 – +70 °C
Housing protection class	IP 67
Contact dimensions (L x W x H) mm	61 x 9 x 9
Magnet dimensions (L x W x H) mm	61 x 9 x 9

Ordering Information

Model	Description
MC 640-5	Recessed magnetic contact, NC, 5 m cable

MC 740 Magnetic contact



MC 740 is a small and thin magnetic contact with NC function that can be used in both alarm and access control systems for monitoring e.g. doors and windows against unauthorized opening.

Both the contact and the magnet part are in a water proof (IP 67) plastic housing. The small and thin format makes it especially easy to install in limited spaces, e.g. on shutters and drawers.

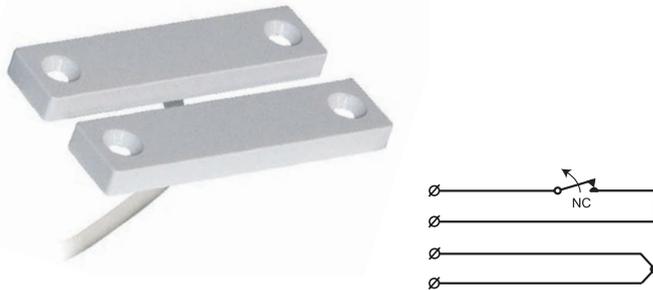
Technical Data

Installation method	Surface mount
Contact function	NC
Approvals	EN 50131-2-6 Grade 2, Class IIIA, INCERT B-582-0013, VdS G 116504, Class B, SBSC 9-216, Class 1/2, F&P, FG
Connections	Cable
Magnet type	Alnico 5
Make distance non-magnetic material (typical value) mm	37
Make distance magnetic material (typical value) mm	7
Contact rating	48 VDC / 500 mA / 10 VA
Tamper protection	Yes
Housing, Colour	ABS plastic, white
Operating temperature range	-40 – +70 °C
Housing protection class	IP 67
Contact dimensions (L x W x H) mm	58 x 14 x 5
Magnet dimensions (L x W x H) mm	58 x 14 x 5

Ordering Information

Model	Description
MC 740	Magnetic contact, surface mount, NC, 2 m cable
MC 740-6	Magnetic contact, surface mount, NC, 6 m cable
MC 740-10	Magnetic contact, surface mount, NC, 10 m cable
MC 740 BL	Magnetic contact, black, surface mount, NC, 2 m cable

MC 740P Magnetic contact



MC 740P is a small and thin magnetic contact with NC function that can be used in both alarm and access control systems for monitoring e.g. doors and windows against unauthorized opening.

Both the contact and the magnet part are in a water proof (IP 67) plastic housing. The small and thin format makes it especially easy to install in limited spaces, e.g. on shutters and drawers.

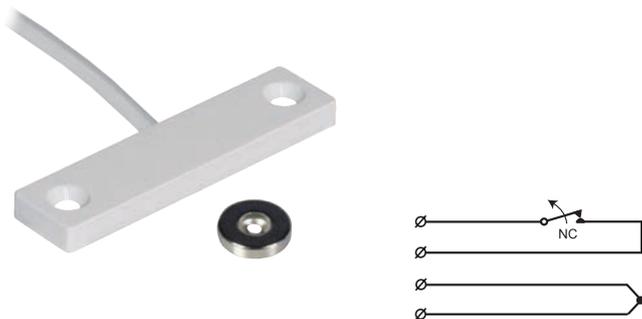
Technical Data

Installation method	Surface mount
Contact function	NC
Approvals	EN 50131-2-6 Grade 2, Class IIIA, INCERT B-582-0013, VdS G 116504, Class B, SBSC 9-216, Class 1/2, F&P, FG
Connections	Cable
Magnet type	Alnico 5
Make distance non-magnetic material (typical value) mm	37
Make distance magnetic material (typical value) mm	7
Contact rating	48 VDC / 500 mA / 10 VA
Tamper protection	Yes
Housing, Colour	ABS plastic, white
Operating temperature range	-40 – +70 °C
Housing protection class	IP 67
Contact dimensions (L x W x H) mm	58 x 14 x 5
Magnet dimensions (L x W x H) mm	58 x 14 x 5

Ordering Information

Model	Description
MC 740P	Magnetic contact, surface mount, NC, 2 m perpendicular cable
MC 740P-6	Magnetic contact, surface mount, NC, 6 m perpendicular cable
MC 740P-10	Magnetic contact, surface mount, NC, 10 m perpendicular cable
MC 740P BL	Magnetic contact, black, surface mount, NC, 2 m perpendicular cable

MC 740-M14 Magnetic contact



MC 740-M14 is a magnetic contact with NC function that can be used in both alarm and access control systems for monitoring e.g. doors and windows against unauthorized opening.

The contact is in a water proof (IP 67) plastic housing, and its small format makes it especially easy to install in limited spaces, e.g. on shutters and drawers.

The magnet is a strong M14 ring magnet which is easy to install with the enclosed rivet or screw.

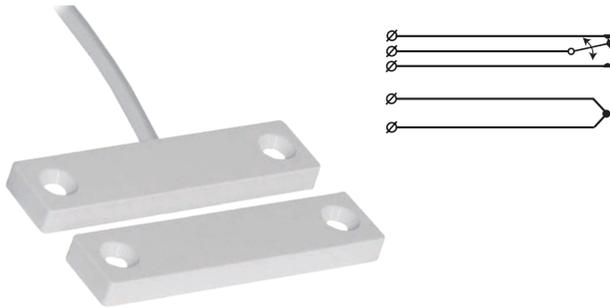
Technical Data

Installation method	Surface mount
Contact function	NC
Approvals	EN 50131-2-6 Grade 2, Class IIIA, INCERT B-582-0013, VdS G 116504, Class B, SBSC 9-216, Class 1/2, F&P, FG
Connections	Cable
Magnet type	Alnico 5
Make distance non-magnetic material (typical value) mm	25
Make distance magnetic material (typical value) mm	21
Contact rating	48 VDC / 500 mA / 10 VA
Tamper protection	Yes
Housing, Colour	ABS plastic, white
Operating temperature range	-40 – +70 °C
Housing protection class	IP 67
Contact dimensions (L x W x H) mm	58 x 14 x 5
Magnet dimensions (H x Ø) mm	3 x 14

Ordering Information

Model	Description
MC 740-M14	Magnetic contact, surface mount, NC, 2 m cable
MC 740-M14BL	Magnetic contact, black, surface mount, NC, 2 m cable

MC 746 Magnetic contact



MC 746 is a small and thin magnetic contact with change-over (NC/NO) function that can be used in both alarm and access control systems for monitoring e.g. doors and windows against unauthorized opening.

Both the contact and the magnet part are in a water proof (IP 67) plastic housing. The small and thin format makes it especially easy to install in limited spaces, e.g. on shutters and drawers.

Technical Data

Installation method	Surface mount
Contact function	Change-over (NC/NO)
Approvals	-
Connections	Cable
Magnet type	Alnico 5
Make distance non-magnetic material (typical value) mm	37
Make distance magnetic material (typical value) mm	7
Contact rating	48 VDC / 250 mA / 5 VA
Tamper protection	Yes
Housing, Colour	ABS plastic, white
Operating temperature range	-40 – +70 °C
Housing protection class	IP 67
Contact dimensions (L x W x H) mm	58 x 14 x 5
Magnet dimensions (L x W x H) mm	58 x 14 x 5

Ordering Information

Model	Description
MC 746	Magnetic contact, surface mount, change-over, 2 m cable
MC 746-6	Magnetic contact, surface mount, change-over, 6 m cable
MC 746-10	Magnetic contact, surface mount, change-over, 10 m cable

MC 200-S3 Plastic Housing



Plastic housing for surface mount installation of MC 240, 246 and 247. Includes pocket, housing and a 3mm plastic spacing for both the contact and magnet part.

Housing, Colour ABS plastic, white

Dimensions (L x W x H) mm 65 x 13 x 10

Ordering Information

Model	Description
MC 200-S3	Plastic housing for surface mount installation

MC 200-S11 Plastic Flange



Plastic flange for installation of recessed magnetic contacts into non-magnetic door and window frames with screws. Suitable for MC 240, 246, 247, 250, 270 and 272. Contact and magnet are screwed into the adapter, which allows for adjustment of the operation gap.

Housing, Colour ABS plastic, white

Dimensions (L x W x H) mm 46 x 30 x 15



Ordering Information

Model	Description
MC 200-S11	Plastic flange for recessed installation

MC 200-S12 Plastic Flange with Strong Magnet



Plastic flange with extra strong magnet for installation of recessed magnetic contacts in door and window frames of steel or spaces where a greater operation gap is required. Suitable for MC 240, 246 and 247. The contact is screwed into the adapter, which allows for adjustment of the operation gap.

Housing, Colour ABS plastic, white

Dimensions (L x W x H) mm 46 x 30 x 15



Ordering Information

Model	Description
MC 200-S12	Plastic flange for recessed installation, strong magnet

MC 200-S21 Plastic Snap-in Flange



Plastic adapter for installation of recessed magnetic contacts into non-magnetic door and window frames. Suitable for MC 240, 246, 247, 250, 270 and 272. Contact and magnet are screwed into the flange, which allows for adjustment of the operation gap. With snap-in function for two different thickness dimensions, 1 and 1.5 mm.

Housing, Colour ABS ABS plastic, white
 Dimensions (L x Ø) mm 20x30



Ordering Information

Model	Description
MC 200-S21	Plastic flange for recessed installation, snap-in

MC 200-S22 Plastic Snap-in Flange with Strong Magnet



Plastic adapter with strong magnet for installation of recessed magnetic contacts in steel door and window frames or spaces where a greater operation gap is required. Suitable for MC 240, 246 and 247. Contact is screwed into the flange, which allows for adjustment of the operation gap. With snap-in function for two different thickness dimensions, 1 and 1.5 mm.

Housing, Colour ABS ABS plastic, white
 Dimensions (L x Ø) mm 20x30



Ordering Information

Model	Description
MC 200-S22	Plastic flange for recessed installation, snap-in with a strong magnet

MC 200-S31 Plastic Snap-in Flange



Plastic adapter for installation of recessed magnetic contacts into non-magnetic door and window frames. Suitable for MC 240, 246, 247, 250, 270 and 272. Contact and magnet are screwed into the flange, which allows for adjustment of the operation gap. With snap-in function for two different thickness dimensions, 1 and 1.5 mm.

Housing, Colour ABS plastic, white
 Dimensions (L x Ø) mm 20x23



Ordering Information

Model	Description
MC 200-S31	Plastic flange for recessed installation, snap-in

MC 200-S32 Plastic Snap-in Flange with Strong Magnet



Plastic adapter with extra strong magnet for installation of recessed magnetic contacts in door and window frames of steel or in spaces where a greater operation gap is required. Suitable for MC 240, 246 and 247. The contact is screwed into the adapter, thus allowing for adjustment of the operation gap. With snap-in function for two different thickness dimensions, 1 and 1.5 mm.

Housing, Colour ABS plastic, white

Dimensions (L x Ø) mm 20x23



Ordering Information

Model	Description
MC 200-S32	Plastic flange for recessed installation, snap-in with a strong magnet

MC 200-4 Aluminium Housing



Aluminium housing for heavy duty installations on doors, gates, etc. Suitable for MC 240, 246 and 247. Hole with set screw for stainless steel cable protection (MC Tx). Made of material that is especially corrosion-resistant even in highly corrosive environments.

Housing, Colour Aluminium

Dimensions (L x W x H) mm 74 x 25 x 15

Ordering Information

Model	Description
MC 200-4	Aluminium housing

MC 200-5 Aluminium Part with Extra Strong Magnet



Aluminium part with extra strong magnet for installations in exposed environments, such as doors, gates, etc. To be used in combination with MC 200-4 or MC 200-6. Suitable for MC 240, 246 and 247. Has an extra strong magnet for applications requiring an especially large operation gap. Made of material that is especially corrosion-resistant even in highly corrosive environments.

Housing, Colour Aluminium

Dimensions (L x W x H) mm 74 x 25 x 15

Ordering Information

Model	Description
MC 200-5	Aluminium housing with strong magnet

MC 200-6 Aluminium Housing for Floor Installation



Aluminium housing for floor installation in exposed environments such as garage doors etc. Suitable for MC 240, 246 and 247. The housing can carry the weight of a vehicle. Hole with set screw for stainless steel cable protection (MC Tx). Made of material that is especially corrosion-resistant even in highly corrosive environments.

Housing, Colour Aluminium
 Dimensions (L x W x H) mm 104 x 40 x 15

Ordering Information

Model	Description
MC 200-6	Aluminium housing for floor installation

MC 200-7 Aluminium Housing



Aluminium housing for installations in exposed environments such as steel doors, gates, etc. Suitable for MC 240, 246 and 247. Hole with set screw for stainless steel cable protection (MC Tx). Made of material that is especially corrosion-resistant even in highly corrosive environments.

Housing, Colour Aluminium
 Dimensions (L x W x H) mm 74 x 30 x 30

Ordering Information

Model	Description
MC 200-7	Aluminium housing

MC 200-8 Aluminium Part with Extra Strong Magnet



Aluminium part with extra strong magnet for installations in exposed environments, such as doors, gates, etc. To be used in combination with MC 200-4 or MC 200-6 or MC 200-7. Suitable for MC 240, 246 and 247. Has an extra strong magnet for applications requiring an especially large operation gap. Made of material that is especially corrosion-resistant even in highly corrosive environments.

Housing, Colour Aluminium
 Dimensions (L x W x H) mm 74 x 30 x 30

Ordering Information

Model	Description
MC 200-8	Aluminium housing with strong magnet

MC 300-S1 Plastic Flange



Small plastic adapter for installation of recessed magnetic contacts into non-magnetic door and window frames. Suitable for MC 340, 346, 347 and 370. Contact and magnet are pressed into the adapter and mounted with the included screws.

Housing, Colour ABS plastic, white
 Dimensions (L x W x H) mm 27 x 12 x 5



Ordering Information

Model	Description
MC 300-S1	Plastic flange for recessed installation

MC 300-S3 Plastic Housing



Plastic housing for surface mount installation of MC 340, 346 and 347. Contact and magnet are placed in the respective brackets. Delivered with brackets, covers and with a 6 mm and a 3 mm plastic spacer.

Housing, Colour ABS plastic, white
 Dimensions (L x W x H) mm 55 x 14 x 13

Ordering Information

Model	Description
MC 300-S3	Plastic housing for surface mount installation

MC 300-S11 Plastic Flange



Plastic flange for installation of recessed magnetic contacts into non-magnetic door and window frames. Suitable for MC 340, 346, 347 and 370. Contact and magnet are pressed into the adapter and mounted with the included screws.

Housing, Colour ABS plastic, white
 Dimensions (L x W x H) mm 35 x 22 x 12



Ordering Information

Model	Description
MC 300-S11	Plastic flange for recessed installation

MC 300-S12 Plastic Flange with Strong Magnet



Plastic adapter with extra strong magnet for installation of recessed magnetic contacts in door and window frames of steel or in spaces where greater operation gap is required. Suitable for MC 340, 346 and 347. The contact is pressed into the adapter and mounted with the included screws.

Housing, Colour ABS plastic, white

Dimensions (L x W x H) mm 35 x 22 x 12



Ordering Information

Model	Description
MC 300-S12	Plastic flange for recessed installation, strong magnet

MC 300-S21 Plastic Snap-in Flange



Plastic adapter for installation of recessed magnetic contacts into non-magnetic door and window frames. Suitable for MC 340, 346, 347 and 370. Contact and magnet are pressed into the adapter. With snap-in function for two different thickness dimensions, 1 mm and 1.5 mm.

Housing, Colour ABS plastic, white

Dimensions (L x Ø) mm 20 x 30



Ordering Information

Model	Description
MC 300-S21	Plastic flange for recessed installation, snap-in

MC 300-S22 Plastic Snap-in Flange with Strong Magnet



Plastic adapter with extra strong magnet for installation of recessed magnetic contacts in door and window frames of steel or in spaces where greater operation gap is required. Suitable for MC 340, 346 and 347. The contact is pressed into the adapter. With snap-in function for two different dimensions, 1 mm and 1.5 mm.

Housing, Colour ABS plastic, white

Dimensions (L x Ø) mm 20 x 30



Ordering Information

Model	Description
MC 300-S22	Plastic flange for recessed installation, snap-in with a strong magnet

MC 300-S31 Plastic Snap-in Flange



Plastic adapter for installation of recessed magnetic contacts into non-magnetic door and window frames. Suitable for MC 340, 346, 347 and 370. Contact and magnet are pressed into the adapter. With snap-in function for two different dimensions, 1 mm and 1.5 mm.

Housing, Colour ABS plastic, white
 Dimensions (L x Ø) mm 20 x 23



Ordering Information

Model	Description
MC 300-S31	Plastic flange recessed installation, snap-in

MC 300-S32 Plastic Snap-in Flange with Strong Magnet



Plastic adapter with extra strong magnet for installation of recessed magnetic contacts in door and window frames of steel or in spaces where greater operation gap is required. Suitable for MC 340, 346 and 347. The contact is pressed into the adapter. With snap-in function for two different dimensions, 1 mm and 1.5 mm.

Housing, Colour ABS plastic, white
 Dimensions (L x Ø) mm 20 x 23



Ordering Information

Model	Description
MC 300-S32	Plastic flange for recessed installation, snap-in with strong magnet

MC 300-S35 Plastic Housing



Plastic housing for parallel recessed installation of MC 340, 346 and 347 in wood or aluminium frames. The contact and magnet are placed in the respective brackets and mounted with the included screws.

Housing, Colour ABS plastic, white
 Dimensions (L x W x H) mm 76 x 14 x 14

Ordering Information

Model	Description
MC 300-S35	Plastic housing for recessed installation

MC 400-3 Plastic Spacer Contact Part



3 mm plastic spacer for the MC 400 series contact part.

Housing, Colour ABS plastic, white

Dimensions (L x W x H) mm 65 x 20 x 3

Ordering Information

Model	Description
MC 400-3	Plastic spacer contact part

MC 400-4 Plastic Spacer Magnet Part



3 mm plastic spacer for the MC 400 series magnet part and MC 200-S3.

Housing, Colour ABS plastic, white

Dimensions (L x W x H) mm 65 x 15 x 3

Ordering Information

Model	Description
MC 400-4	Plastic spacer magnet part

MC 400-6 Plastic Spacer Contact Part



7 mm plastic spacer for the MC 440 contact part.
It is possible to stack multiple spacers if needed.

Housing, Colour ABS plastic, White

Dimensions (L x W x H) mm 65 x 21 x 7

Ordering Information

Model	Description
MC 400-6	Plastic spacer contact part

MC 400-7 Plastic Spacer Magnet Part



7 mm plastic spacer for the MC 440 magnet part.
It is possible to stack multiple spacers if needed.

Housing, Colour ABS plastic, White

Dimensions (L x W x H) mm 65 x 15 x 7

Ordering Information

Model	Description
MC 400-7	Plastic spacer magnet part

MC 400 MX Strong Magnet



Extra strong magnet for installation of surface mount magnetic contacts on door and window frames of steel or in spaces where greater operation gap is required. Designed to work with contacts of MC 400 series.

Housing, Colour ABS plastic, white

Dimensions (L x W x H) mm 65 x 14 x 10

Ordering Information

Model	Description
MC 400-MX	Strong magnet for MC 400 Series

MC 600-1 Plastic Housing



Plastic housing for recessed parallel installation of MC 640 in wood or aluminium frames. The contact and the magnet are placed in their respective brackets and mounted with the included screws.

Housing, Colour ABS plastic, white

Dimensions (L x W x H) mm 94 x 18 x 12

Ordering Information

Model	Description
MC 600-1	Plastic housing

MC Tester



The MC tester makes it possible to quickly and easily determine which wires in a magnetic contact are for the tamper switch and the reed contact, respectively.

It is also possible to control the make distances which the magnet contact opens and closes at and test the two make distances featured in the high security contact.

The tester comes ready to use with battery.

Ordering Information

Model	Description
MC Tester	MC Tester

MC T Stainless Steel Cable Protection



For the protection of cables in, for example, contact sets in exposed environments. Plastic conduit in each end of the flexi-tube protect cables from wear or breakage.

Outer diameter 8.2 mm

Inner diameter 6 mm

Length MC T2 0.5 m (50 cm)

MC T4 1.0 m (100 cm)

MC T7 2.0 m (200 cm)

Ordering Information

Model	Description
MC T2	Stainless steel cable protection 0.5 m
MC T4	Stainless steel cable protection 1.0 m
MC T7	Stainless steel cable protection 2.0 m

MC L Installation L-Bracket



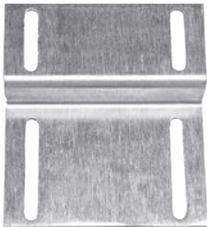
L-shaped installation bracket of aluminium, with hole patterns suitable for most of the MC 200 and MC 300 accessories as well as the MC 400 series. Manufactured of 2 mm anodised aluminium.

Dimensions (L x W x H) mm 74 x 50 x 18

Ordering Information

Model	Description
MC L	Installation bracket L-shaped

MC Z Installation Z-Bracket



Z-shaped installation bracket with a hole pattern fitting most of the MC 200 and MC 300 accessories as well as the MC 400 series. Manufactured of 2 mm anodised aluminium.

Dimensions (L x W x H) mm 74 x 81 x 20

Ordering Information

Model	Description
MC Z	Bracket Z-shaped

Spare magnets for MC series

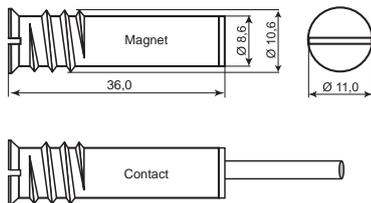
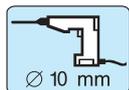
Code	Description
MC 140-M	Spare magnet for MC 140 series, L x Ø 11 x 35 mm
MC 200-M	Spare magnet for MC 200 series, L x Ø 37 x 11 mm
MC 250-M	Spare magnet for MC 250 series, L x Ø 15 x 11 mm
MC 300-M	Spare magnet for MC 300 series, L x Ø 26 x 9 mm
MC 300-MS	Extra short magnet for MC 300 series, L x Ø 14 x 9 mm
MC 400-M	Spare magnet for MC 400 series, LxWxH 65x14x10 mm
MC 400-MX	Strong magnet for MC 400 series, LxWxH 65x14x10 mm
MC 600-M	Spare magnet for MC 600 series, LxWxH 61x9x9 mm
MC 700-M	Spare magnet for MC 700 series, LxWxH 58x14x5 mm

Additional magnets for MC series

Code	Description
M D6x10	Additional magnet, L x Ø 10 x 6 mm
M D6x25	Additional magnet, L x Ø 25 x 6 mm
M D7x8	Additional magnet, L x Ø 8 x 7 mm
M D7x30	Additional magnet, L x Ø 30 x 7 mm
M D8x36	Additional magnet, L x Ø 36 x 8 mm
M D10x10	Additional magnet, L x Ø 10 x 10 mm
M D10x60	Additional magnet, L x Ø 60 x 10 mm
M D14x3	Additional magnet with hole, L x Ø 3 x 14 mm

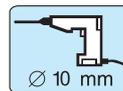
Series

MC 240
MC 246
MC 247
MC 272



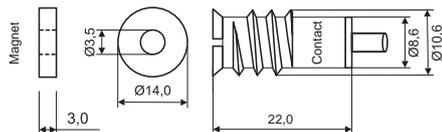
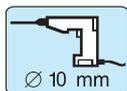
Series

MC 250



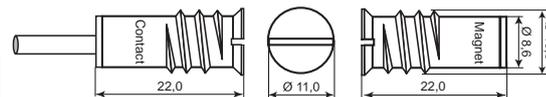
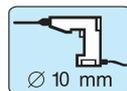
Series

MC 250-M14



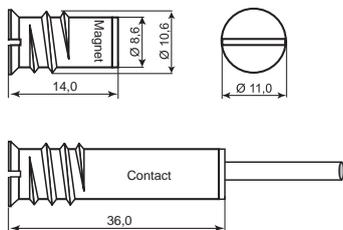
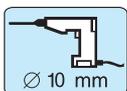
Series

MC 255



Series

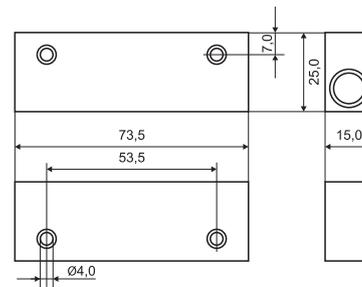
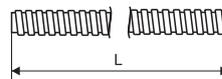
MC 270
MC 275



Series

MC 240-S45
MC 270-S45

Flexi-tube: L-1m

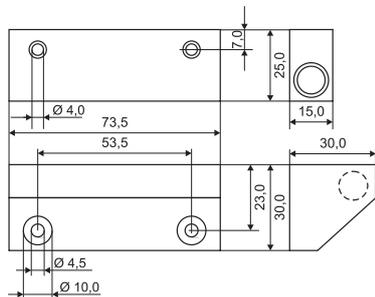


Series

MC 240-S48

MC 270-S48

Flexi-tube: L-1m

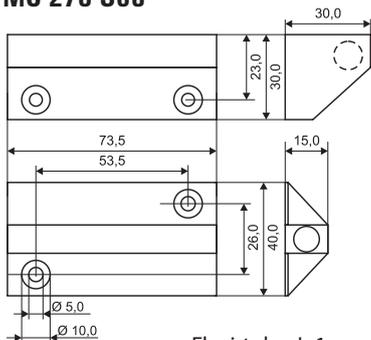


Series

MC 240-S68

MC 270-S68

Flexi-tube: L-1m

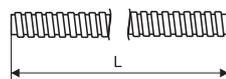
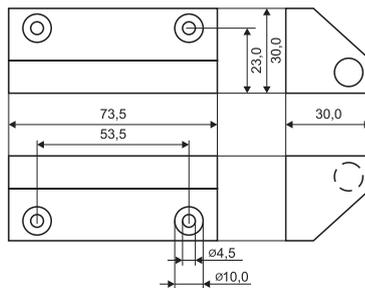


Series

MC 240-S78

MC 270-S78

Flexi-tube: L-1m

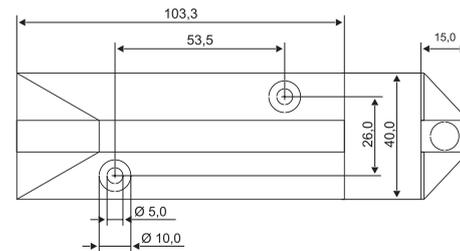
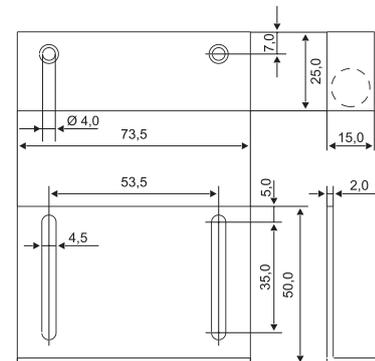


Series

MC 240-S56

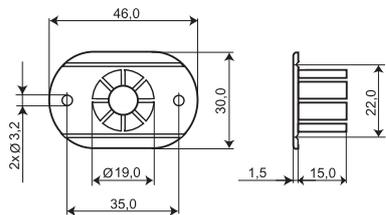
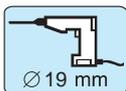
MC 270-S56

Flexi-tube: L-1m



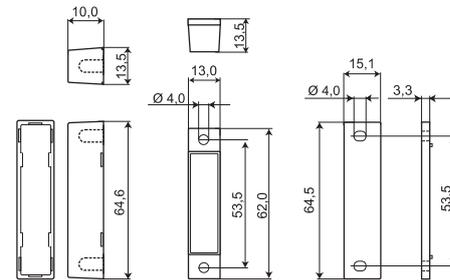
Series

MC 200-S11
MC 200-S12



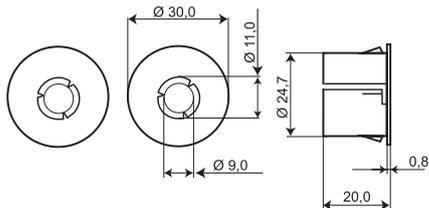
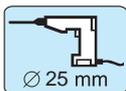
Series

MC 200-S3



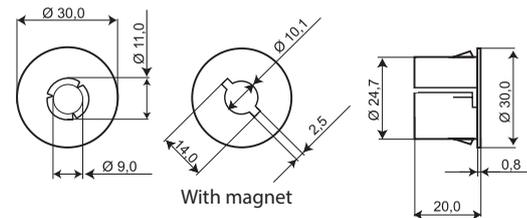
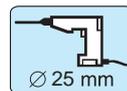
Series

MC 200-S21



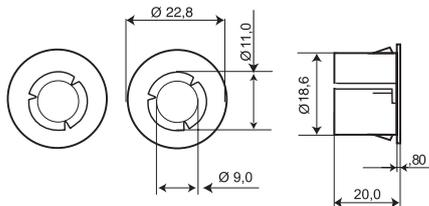
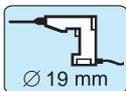
Series

MC 200-S22



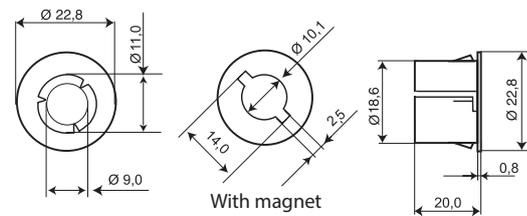
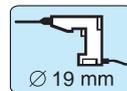
Series

MC 200-S31

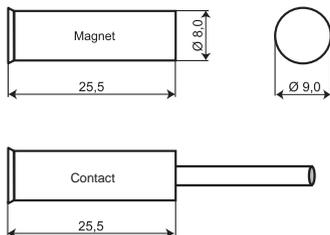
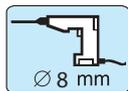


Series

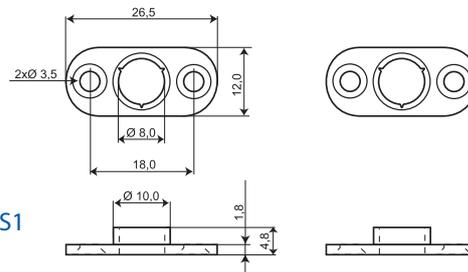
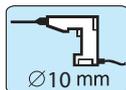
MC 200-S32



Series
MC 340

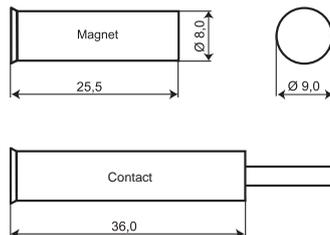
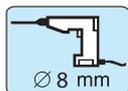


Series
MC 300-S1

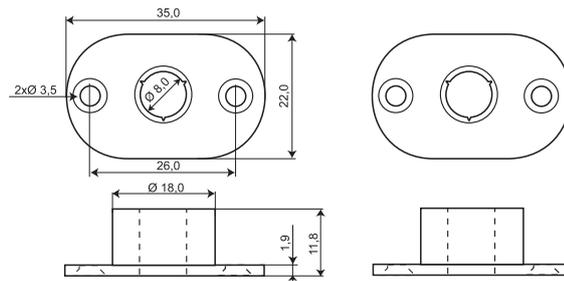
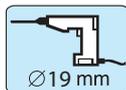


Are attached in MC 340-S1
and MC 370-S1

Series
MC 346
MC 347

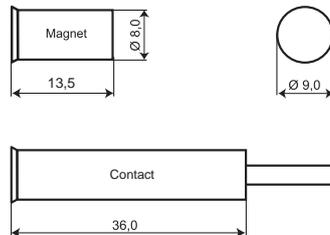
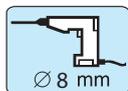


Series
MC 300-S11

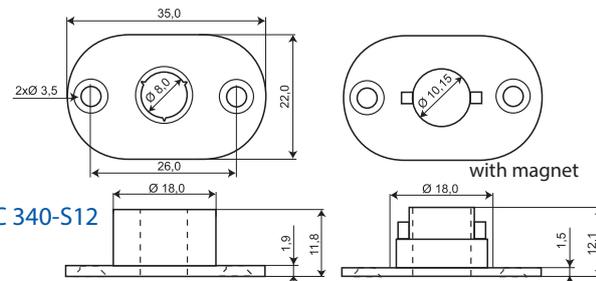
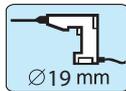


Are attached
in MC 370-S11

Series
MC 340S
MC 370

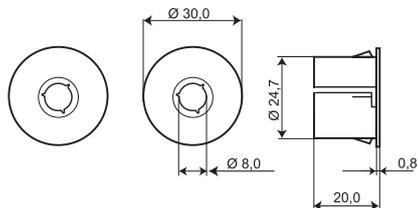
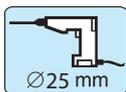


Series
MC 300-S12

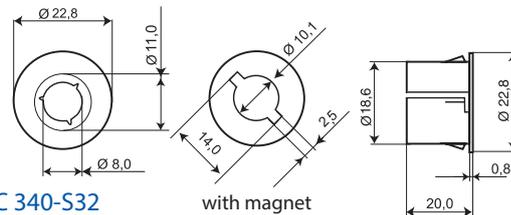
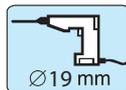


Are attached in MC 340-S12
and MC 370-S12

Series
MC 300-S21

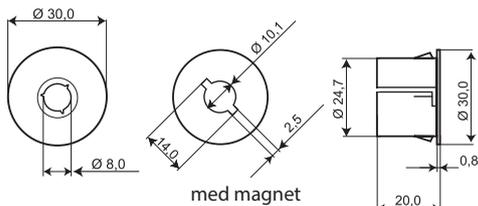
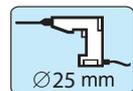


Series
MC 300-S32

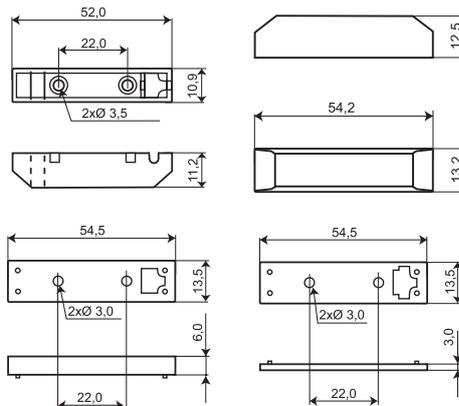


Are attached in MC 340-S32
and MC 370-S32

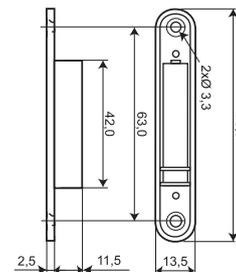
Series
MC 300-S22



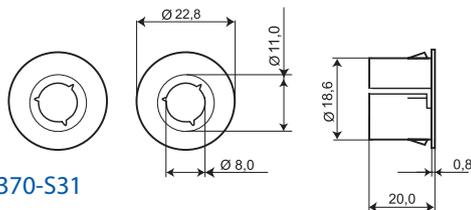
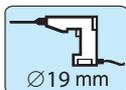
Series
MC 300-S3



Series
MC 300-S35

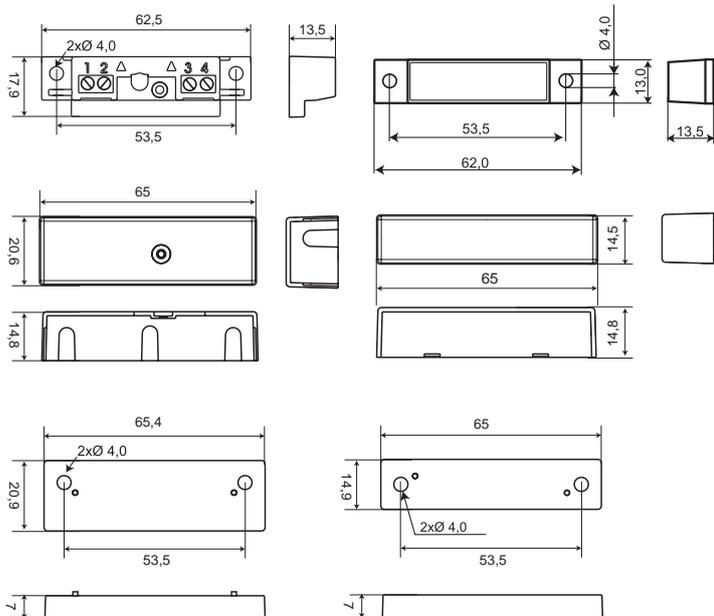


Series
MC 300-S31



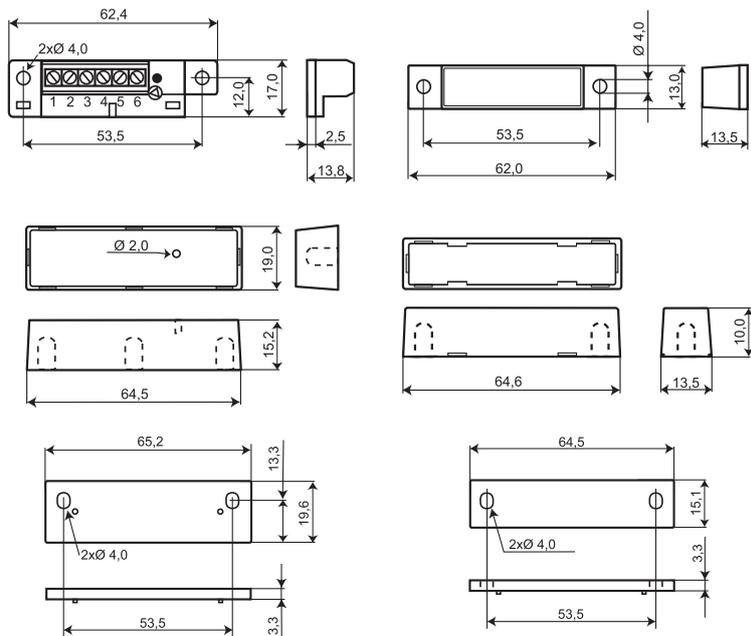
Are attached in MC 370-S31

Series
MC 440

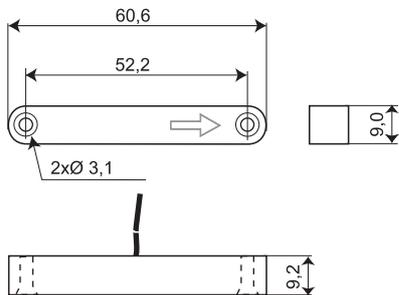


Series

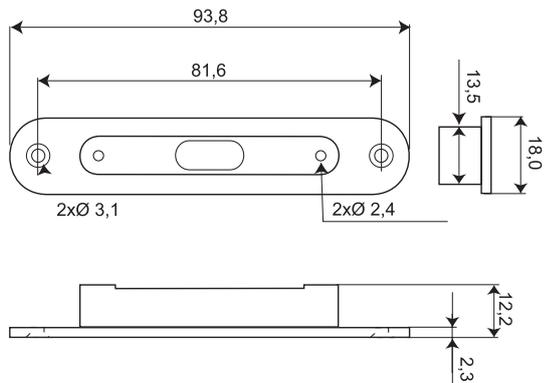
- MC 440-T
MC 446 MC 470
MC 447 MC 472



Series
MC 640



Series
MC 600-1



Series
MC 740
MC 746

