



AS OF 01-2020

Installation and connection regulations as well as shrinking instructions for alarm glass type „SICURTEC® ALARM — mono + ISO“

Resistance test

Every SICURTEC® ALARM glass pane is factory-tested for current passage, and this resistance value is noted on a label on the pane. Before and after the glazing, however, the function must be checked again by measuring the electrical resistance.

Establishing the plug connections

Upon customer request, each alarm glass pane can be supplied with an appropriate extension cable including a plug and a shrink tube. 3, 5 or 10 meter extensions can be ordered separately from us.

The connection between the connector of the connection cable and the plug of the extension cable must be sealed tightly and watertight by means of the shrink tube. We recommend using a hot air gun at around 150 degrees celsius. Avoid naked flames at all costs. When the tube is shrunk, crimp it at both ends immediately, while it is still hot and easily deformable, to the flat cable by using a flat-nose pliers.

Laying the plug connections

The plug connection is laid in a loop in the frame rabbet; the extension cable is led through a hole of at least 10 mm in the frame on the room side. It is important to ensure that all holes in the metal are appropriately deburred in order to avoid damage to the flat cable.

Attention: mechanical stress

No mechanical stress may be exerted on the cable connections during transport, temporary storage and, in particular, during assembly. The extension cables of movable elements (doors, turn / tilt windows, etc.) must be protected from the frame to the window frame on the room side against mechanical, twisting movements. The best way to do this is by means of reinforced hoses that run vertically in the rabbet.

Glass assembly and sealing

It is important to ensure that the panes are positioned in such a way that the alarm loops are on the top left or right. The alarm glass pane is always on the attack side, i.e. on the outside. We recommend wet glazing inside and outside, in any case this must be carried out with neutrally crosslinked silicones.

Miscellaneous

For the installation and wiring of SICURTEC® ALARM insulating glass, we refer to the general glazing guidelines according to DIN 52460 as well as the general laying guidelines for electrical systems VDE guideline 0833 and DIN 57833.