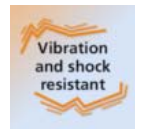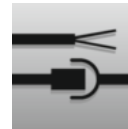**ifm electronic**

Small but effective – robust and flexible AS-i miniature module

Quick connection of illuminated pushbuttons in the smallest of spaces

- **Cut-to-size wires or pluggable screw terminals**
- **AS-i connection for four control and signalling devices**
- **Short-circuit proof and overload-protected**
- **Particularly compact AS-i module**

Extremely compact

The miniature module can be integrated in small surface mounting housings. Four illuminated pushbuttons can be connected to it at a time. Since AS-i can also be used with round and spiral cables, the module for suspended pushbuttons is the perfect solution: The 2-wire cable is used for LED triggering and pushbutton query without requiring any auxiliary voltage.

Well stowed

There is often not much space in control boxes. The full potting protects the robust module ideally against mechanical damage during installation.

Quick contact

The connecting wires can be used for direct connection of illuminated pushbuttons in a surface mounting housing. No further auxiliary material is needed. The plug-in version is available as an alternative. The connectors are supplied with the unit.

Advantages and customer benefits

- **Energy and data on one cable**

  The AS-i cable supplies the connected LEDs and pushbuttons with up to 150 mA without requiring further auxiliary voltage. All inputs and outputs are short-circuit proof.

- **A/B addressing saves addresses**

  Up to 62 participants can be connected. 248 inputs and 248 outputs are possible for one AS-i network.

- **On-site diagnosis**

  The module indicates the condition of all inputs and outputs as well as the energy supply and the communication status by means of LEDs.

Products

Type	Description	Order no.
Connection: PVC strand; 12 x 0.2 m		
	Active AS-i module: 4 inputs / 4 outputs, AS-i profile: S-7.A.7	**AC2750**
	Active AS-i module: 4 inputs / 3 outputs, AS-i profile: S-7.A.E	**AC2751**
Connection: Screw terminals		
	Active AS-i module: 4 inputs / 4 outputs, AS-i profile: S-7.A.7	**AC2752**
	Active AS-i module: 4 inputs / 3 outputs, AS-i profile: S-7.A.E	**AC2753**

Common technical data

Installation module digital inputs, digital outputs		
Operating voltage (AS-i)	[V DC]	18...31.6
Total current consumption from AS-i	[mA]	< 180
Current rating per module	[mA]	150
Short-circuit protection		•
Overload protection		•
Ambient temperature	[°C]	-25...55
AS-i specification		2.11 + 3.0
Extended addressing mode		•
Housing material		Potted PC

Dimensions

Example AC2752

12   76,6   31,1

ifm – close to you!