

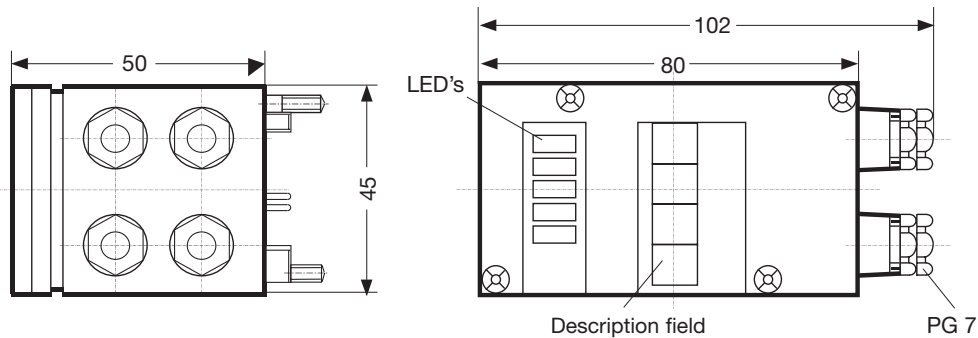
AS-EP

Modules that are use for detecting the limit positions "CLOSED" and "OPEN" with, for example, fire dampers that are outfitted with conventional limit switches.

A maximum of four dampers can be connected to one limit switch for detection of damper positions "OPEN" or "CLOSED". Alternatively, two dampers with two limit switches can be used to detect the damper positions "OPEN" and "CLOSED" as well as intermediate positions.

- Integrated AS-i slave
- Transmission monitoring
- Connection via flat cable adapter and insulation penetration terminals
- Supply voltage to module via AS-i
- Wiring of limit switches to connecting terminals and PG screw connections for cabling.

Modul AS-EP



Technical data

Order code	AS-EP				
Electrical configuration	4 inputs				
Operating voltage [V]	26.5 ... 31.6 DC				
Current consumption [mA]	< 80				
Inputs					
Switching	PNP				
Sensor supply	AS-i				
Input voltage [V]	20 ... 30 DC				
Current drain for all inputs total [mA]	160				
Short-circuit protection	Yes				
High-signal 1 switching level [V]	> 10				
Input current High/Low [mA]	> 5 / < 1				
Function display					
Operating Function	LED green LED yellow				
Operating temperature [°C]	-25 ... +85				
Protection class	IP 67				
AS-i profile	S 0.0				
I/O configuration [Hex]	0				
ID-code [Hex]	0				
EMC	EN 50081-2; EN 50082-2				
Housing material	PBTP (Pocan)				
Dimensions (L x W x H) [mm]	102 x 45 x 70				
Connection	Contact pins on FC or PG lower part				
Allocation of databits	Databit allocation	D0	D1	D2	D3
		I - 1	I - 2	I - 3	I - 4

Connecting limit switches:

Mechanical limit switches or inductive 2- and 3-lead conductor sensors (24 V DC!!)

The limit switches are supplied with energy by AS-i.

Do not connect either terminal to earth.

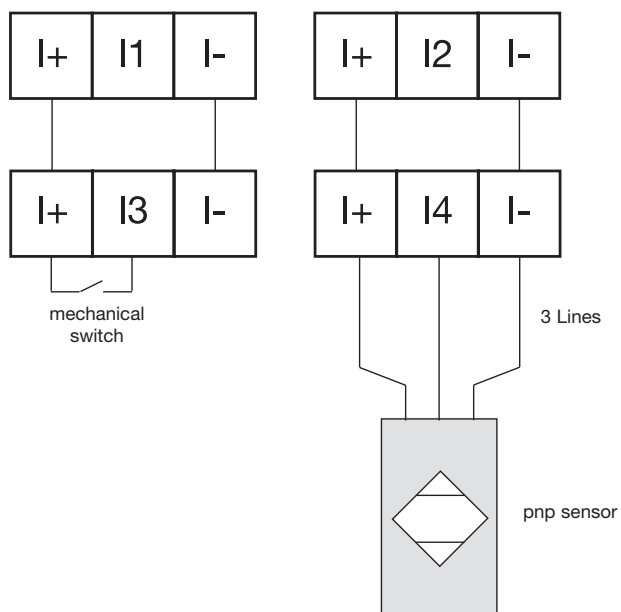
Connect the limit switches in ascending order beginning with input 1 (terminal I + I1).

AS-EP terminal and data bit allocations

Terminal designation	Input 1	Input 2	Input 3	Input 4
	+ IN -	+ IN -	+ IN -	+ IN -
Data bit	D0	D1	D2	D3
Input	I+ I1 I-	I+ I2 I-	I+ I3 I-	I+ I4 I-

Connect the limit switches to inputs I1 through I4 and make a written record of the allocation of the blades to the inputs.

Limit switch terminal



To realize a good electrical connection, screw the upper and bottom parts together.