

# Switching devices



## ESD3

- Housing, ABS grey/black
- Performance level e, cat. 3 acc. to EN ISO 13849-1
- For safety mats acc. to EN ISO 13856-1/  
for safety edges acc. to EN ISO 13856-2
- Auto-, external reset
- Redundant signal evaluation
- Positively driven relays
- Installation on DIN mounting rail

### ESD3 variants

The ESD3 variants are distinguished firstly by their reset function and secondly by the configuration of the status relay contact. This can be implemented off-load both as open and closed. It is not a safety contact, but is exclusively used for transmitting information. It is not monitored for failure and must never be used for safety shutdown in any form whatsoever. Different voltage supply variants are available depending on the type:

Version	Inputs	Safety relay	Reset		Status relay			Voltage variants			
			2	Disconnected	Auto.	External	M	SM	D	230 V AC	115 V AC
03	x	x	x			x			x		x
04	x	x	x		x				x	x	x
05	x	x		x		x					x
06	x	x		x	x						x
08	x	x	x					x			x
09	x	x		x				x			x

### Status relay function

Contacts	Type	De-energised	Sensor not actuated	Sensor actuated (LED yellow)	Fault (LED red)
Safety contacts	all types	0	X	0	0
Fault contact, SM	ESD3 -03, -05	0	X	X	0
Signalling contact, M	ESD3 -04, -06	0	X	0	0
Signalling contact, D	ESD3 -08, -09	X	0	X	X

Key:

0 = contact open

X = contact closed

