

D5090S - Separator - safety relay

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Base separator - safety relay (3A) on DIN rail - safety class SIL 3 (TUV)

APPLICATION

Ensures insulation of input / output. Processing of the lock signal from the system, mushroom breaker, etc. to SPDT and SPST transducers. It has the option to select circuit monitoring type: input line monitoring (pulsating test), monitoring of low voltage or monitoring of short-circuit, using DIP switches.

SIL FUNCTION

Implements SIL 3 function for NE loading (normal supply)
- switching off the input shuts down the load

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[DATA SHEET](#)

Technical data:

No.

1	Input signal	21.6...27.6 Vdc, protection against reverse polarization
2	Output signal	SPDT + SPST potential-free transducer, max. parameters: 4A 250Vac 1000VA, 4A 250Vdc 120W
3	Power supply	(resistance loading) / reaction time 4 - 6 ms / max. 10 Hz
4	Attestations	Input loop supply
5	Feature	BVS 10 ATEX E 114, IECEx, Russian and Ukrainian acc. to z GOST, TUV certificate SIL2/SIL3 acc. to IEC61508
6	Safety class SIL (Safety Integrity Level)	BVS 10 ATEX E 114, IECEx, Russian and Ukrainian acc. to z GOST, TUV certificate SIL2/SIL3 acc. to IEC61508
7	Options / functions	SIL2/SIL3 (TUV certificate No. C-IS-204194-01) Standard DIN rail installation, dedicated installation plates

