



SAFETY RELAYS RLY3-EMSS300

URL:<https://www.sxplc.com/safety-relays-rlly3-emss300>

Product data sheet

Applications	Evaluation unit
Compatible sensor types	Safety sensors with potential-free outputs

Safety-related parameters

Safety integrity level	SIL 3 (IEC 61508)
Category	Category 4 (ISO 13849-1)
Performance level	PL e (ISO 13849-1)
PFH_D (mean probability of a dangerous failure per hour)	1.0×10^{-9}
T_M (mission time)	20 years (ISO 13849-1)
Stop category	0 (IEC 60204-1)

Functions

Sensor monitoring	Discrepancy monitoring Cross-circuit detection
Restart interlock	✓
Reset	Automatic Manual
External device monitoring (EDM)	✓

Interfaces

Connection type	Front connector with spring terminals
Inputs	2 safety inputs 1 input for reset pushbutton or external device monitoring (EDM)
Outputs	3 enabling current paths (safe) 2 application diagnostic outputs (not safe) 3 test pulse outputs (not safe)
Display elements	LEDs
Configuration method	Hard wired

