

SAFETY INTERFACES

AD SR1 Type 4 Safety interface for light curtains

Interface module between the safety light curtains with self-testing solid state safety outputs, and the machine control circuits.



Certifications:



| |
|--------------------------|
| Safety Level: |
| TYPE 4 |
| SILCL 3 PL e – Cat. 4 |

Technical data:

| | |
|---------------------------------------|---|
| Family | AD SR1 |
| Code | 1330900 |
| Safety level (SIL / PL) | Type 4 - SILCL 3 - PL e - Cat. 4 |
| Power supply (VDC) | 24 +/- 20% |
| Connections | Terminal blocks |
| Response time (ms) | <= 20 |
| Safety relay outputs | 2 N.O. contacts - 2A at 250 VAC |
| CCF (ISO 13849-1) | 80% |
| MTTFd (ISO 13849-1) years | 100 |
| PFHd (IEC 61508) - Load 0,5A at 24VDC | 5,11196E-09 |
| PFHd (IEC 61508) - Load 2A at 230VAC | 4,93427E-09 |
| Degree of protection terminal strip | IP 2X |
| Degree of protection housing | IP 20 |
| Operating temperature (°C) | From 0 to 55 |
| Dimensions HxWxD (mm) | 22,5 x 100 x 115 |
| Fastening | Quick mounting on bar according to standard EN 50022-35 |
| Reset modes | Manual or automatical, selectable from terminal blocks |
| Operation mode | External relay control feedback input, selectable |
| Safety barriers to be connected | 1 |