

SR-1

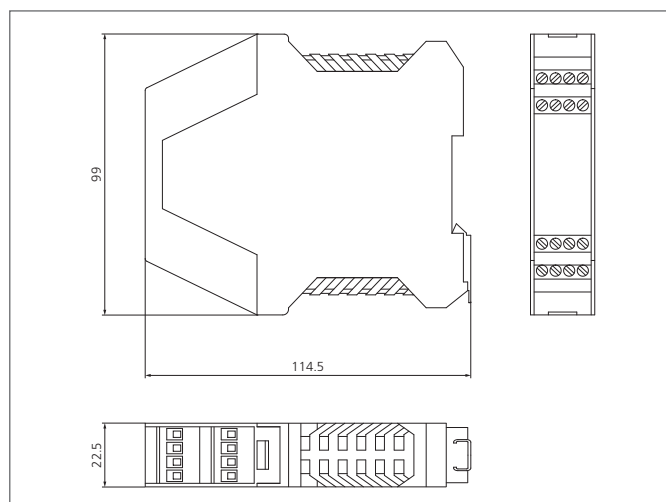
Safety relay

- Usable for safety light curtains / -grids with safety level type 2 and type 4
- Additional security functions
- Start / Restart Interlock
- EDM Feedback input for extra external contractors monitoring
- LED indicators for status and diagnosis
- Inverse polarity protection



Safety instructions

All the installation, connection and safety regulations, as per our technical information, have to be strictly adhered to.
The set-up of the products have to be made by skilled staff, only.
Repair exclusively made by di-soric.



TECHNICAL INFORMATION (typ.)	
Characteristic parameters	+20°C, 24 V DC Type 4 (IEC/TS 61496-2), SILCL 3 (IEC 62061) PL e - Cat. 4 (EN ISO 13849-1)
Mounting	rail fastening according to EN 50022-35 standard
Operating principle	Safety relay
Size	99 x 22.5 x 114.5 mm (Dimensions)
Service voltage	19,2 ... 28,8 V DC
Inverse polarity protection	Yes
Display	LED for input / output status and failure diagnosis
Start / restart	automatic / manual (selectable on terminal block), interlock
External Device Monitoring - EDM	Feedback input, enabling selectable
Reaction time	< 20 ms
Ambient temperature, operation	0 ... +55 °C
Protection class	IP 20, (housing), IP 2X, (terminal blocks)
Suitable for	all safety light curtains /-grids
Connection	on terminal blocks
Scope of delivery	Multi-language instruction manual
Two-channel inputs for safety light curtains / -grids	1
Status output	PNP (1x), 100 mA, 24 V DC
Safety relay outputs	NO (2x), 2 A / 250 V AC