

SR-1

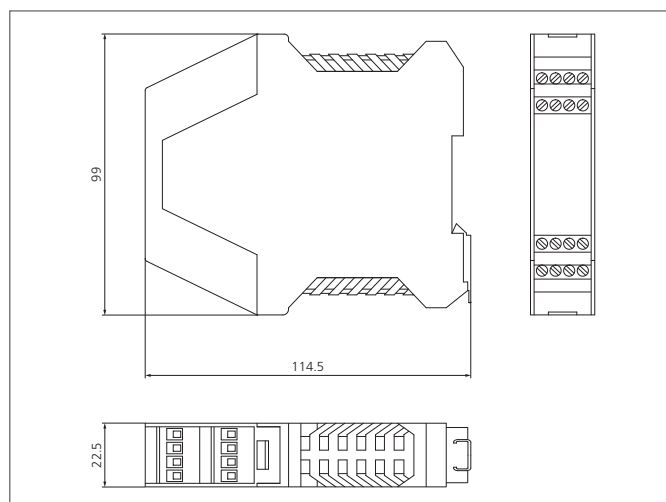
Safety relay

- 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.)		+20°C, 24 V DC
Characteristic parameters		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