

Safety Controller SCR DI with IO-Link

The safety relay (SCR DI) combines three devices in one: it is a safety controller for the OSSD outputs of the sensor chain (SRF and SEU), a diagnostic module and an IO-Link gateway. It can safely monitor a series connection consisting of SRF and / or SEU and provides the diagnostic data.

- Safety monitoring module for OSSD signals
- Simple and fast retrieval of diagnostic information via smartphone with NFC
- Time and cost savings during commissioning, maintenance and troubleshooting
- Transmission of DCD diagnostic data via IO-Link
- Three devices combined in one:
 - Diagnostic device
 - Safety controller
 - IO-Link device

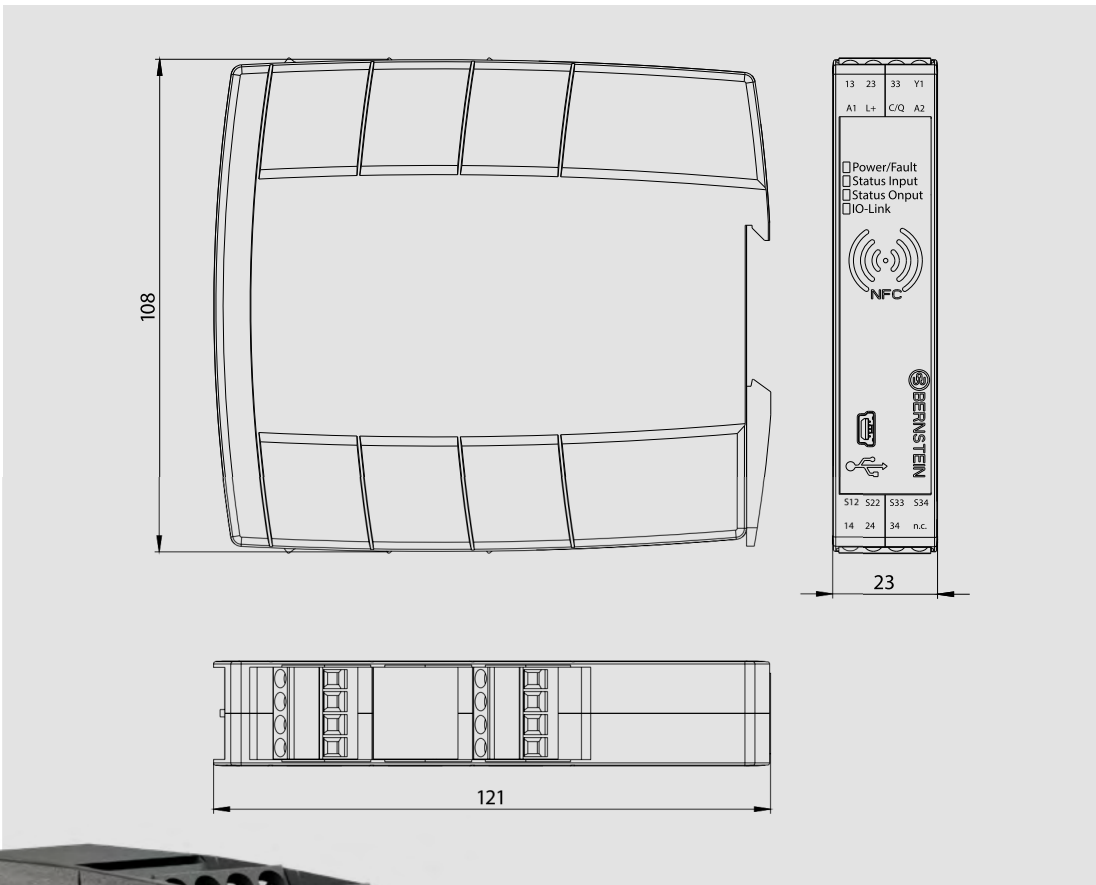
PRODUCT HIGHLIGHTS

- **Safety monitoring, diagnostics and IO-Link communication** in one device
- **Saves space** in the control cabinet thanks to slim design
- **Provides all relevant information** of each device in the chain and delivers available data
- **Permanent exchange** of all data
- **Three enabling paths**
- Category 4 / PL e according to EN ISO 13849-1



Order data SCR DI

Picture	Designation	Article number	Enabling paths	Signalling contact Feedback circuit	Digital outputs	Automatic/ manual reset	Interfaces		
							IO-link	NFC	USB 2.0
	SCR DI-1/0/3-T	6075113139	3	1	–	auto/button	x	–	–
	SCR DI-1/8/3-T	6075113140	3	1	8	auto/button	x	–	–
	SCR DI-1/0/1-T	6075113141	3	1	–	auto/button	x	x	x
	SCR DI-1/8/1-T	6075113147	3	1	8	auto/button	x	x	x
	SCR DI-2/8/1-T	6075113149	3	0	8	auto/button	x	x	x



Technical data

Product information

- Dimensions: 108×22.5×121 mm (W×H×D)
- IO-link protocol: V1.1
- For semiconductor outputs
BERNSTEIN SMART Safety System

Electrical data

- Rated operational voltage U_e : 24 V DC
- Three enabling paths with up to 6A switching current per path

Mechanical data

- Enclosure material:
Glass fibre reinforced polyamide PA-GF
- Ambient temperature: 0°C to +60°C
- Protection class: IP20