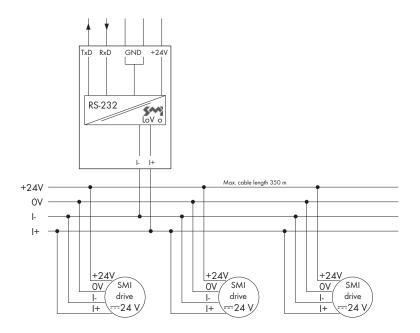
Interface Module RS-232/SMI LoVo in DIN-Rail Mountable Enclosur

For SMI drives, 24 V DC





The 789-913 RS-232/SMI LoVo Interface Module is a standard interface for SMI LoVo-compliant electrical drives. The interface represents a purely physical level conversion between the standard RS-232 interface and the SMI LoVo signal level. The interface module operates up to 16 SMI LoVo drives, and the complete SMI range of functions can be used. The special WAGO-I/O-PRO function blocks communicate between applications and SMI LoVo drives. The modules support both single and group addressing, as well as status monitoring. Both 750 Series programmable fieldbus controllers' RS-232 onboard interfaces and 750-650/003-000 or 753-650/003-000 serial RS-232 interfaces can connect to the SMI LoVo Interface Module. The module must be supplied with an external 24VDC power source. RS-232 and 24V power supply are electrically isolated from the SMI LoVo connections.

There is no electrical isolation between power supply and RS-232. The module is DIN-rail mountable.

Notes on SMI:

SMI stands for Standard Motor Interface, a standard interface for electrical drives. SMI was developed for connecting drives with integrated electronic circuitry for applications in shutters and sunshade systems.

Description	Item No.	Pack. Unit
Interface module RS-232/SMI LoVo	789-913	1

Technical Data		
Voltage supply	24 V DC	
Voltage range	± 10%	
Current consumption (internal)	max. 55mA	
Number of SMI LoVo channels	1	
Number of drives per channel	16	
Operational indication	LED green	
Interface	RS-232 (interface input)	
Type of cable, cable length	max. 350 m (SMI bus)	
	max. 3 m (data and power supply cable, RS-232)	
Degree of protection	IP20	
Mounting position	any	
Ambient operating temperature	0°C +55°C	
Storage temperature	-25 °C +85 °C	
Dimensions (mm) W x H x L	35 x 55 x 90	
	Height from upper-edge of DIN 35 rail	
Wire connection	CAGE CLAMP® (WAGO 804 Series)	
Cross sections	0.5 mm ² 2.5 mm ² / AWG 20 12	
Stripped lengths	10 11 mm / 0.42 in	
Standards/Specifications	EN 50090-2-2	

Phone: +49(0)571/887-0

Fax: +49(0)571/887-169

E-Mail: info@wago.com

www.wago.com

Postfach 2880 - D-32385 Minden

Hansastr. 27 - D-32423 Minden