

15.5 IF613

15.5.1 General Information

The IF613 interface module can be operated e.g. in an interface module slot on the CP260 or in the IF260 / IF060.

The module is equipped with three RS232 interfaces and is used to connect several peripheral devices which cannot be networked (modem, printer, barcode reader, terminals, etc.).

15.5.2 Order Data

Model Number	Short Description	Image
	Interface module	
3IF613.9	2005 interface module, 3 RS232 interfaces, CPU and IF-module insert	
	Accessories	
0G0001.00-090	Cable PC <-> PLC/PW, RS232, online cable	

Table 326: IF613 order data

15.5.3 Technical Data

Product ID	IF613
General Information	
C-UL-US Listed	Yes
Slot	Insert e.g. in CP260, IF260, IF060
Interfaces	3 x RS232
Power Consumption 5 V 24 V Total	Max. 1.2 W --- Max. 1.2 W
Application Interface IF1	
Type	RS232
Controller	UART Type ST16C654
FIFO	64 bytes in send and receive direction
Design	9-pin DSUB plug
Electrical Isolation	No
Input Filter / Protective Circuit	Yes
Maximum Distance	15 m / 19200 Baud
Maximum Baud Rate	115.2 kBaud
Handshake Lines	DTR, DSR, RTS, CTS
Network Capable	No
Data Formats Data Bits Parity Stop Bits	5 to 8 Yes / No / Even / Odd 1 / 2
Application Interfaces IF2 and IF3	
Type	RS232
Controller	UART Type ST16C654
FIFO	64 bytes in send and receive direction
Design	9-pin DSUB plug
Electrical Isolation	No
Input Filter / Protective Circuit	Yes
Maximum Distance	15 m / 19200 Baud
Maximum Baud Rate	115.2 kBaud
Handshake Lines	RTS, CTS
Network Capable	No
Data Formats Data Bits Parity Stop Bits	5 to 8 Yes / No / Even / Odd 1 / 2

Table 327: IF613 technical data

15.5.4 Operational and Connection Elements

Status LEDs via the interfaces indicate whether data is being received (RXD) or sent (TXD).

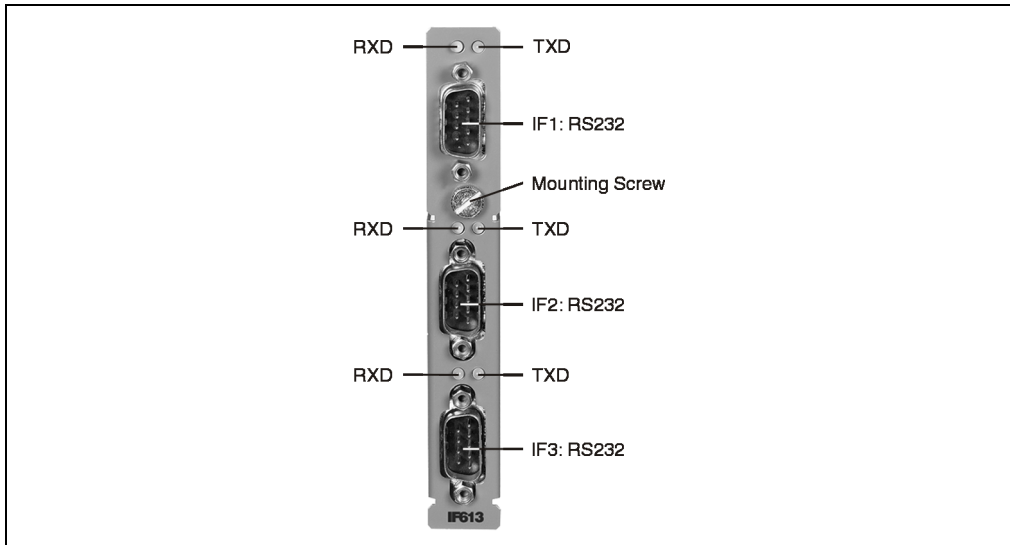


Figure 184: IF613 operational and connection elements

15.5.5 RS232 Interface (IF1)

Interface	Description	Pin Assignments		
		Pin	RS232	
Application interface RS232 9-pin DSUB plug	The standard RS232 interface is not electrically isolated. LEDs show on the interface whether data is being received (RXD) or sent (TXD). The shield is connected to the DSUB connectors housing. Max. Baud Rate: 115.2 kBaud Max. Cable Length: 15 m	1	NC	
		2	RXD	Receive Signal
		3	TXD	Transmit Signal
		4	DTR	Data Terminal Ready
		5	GND	Ground
		6	DSR	Data Set Ready
		7	RTS	Request To Send
		8	CTS	Clear To Send
		9	NC	

Table 328: IF613 RS232 Interface (IF1)

15.5.6 RS232 Interfaces (IF2 and IF3)

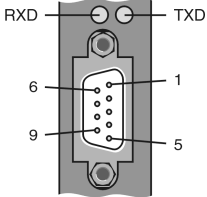
Interface	Description	Pin Assignments		
		Pin	RS232	
Application interface RS232  9-pin DSUB plug	The standard RS232 interface is not electrically isolated. LEDs show on the interface whether data is being received (RXD) or sent (TXD). The shield is connected to the DSUB connectors housing. Max. Baud Rate: 115.2 kBaud Max. Cable Length: 15 m	1	NC	
		2	RXD	Receive Signal
		3	TXD	Transmit Signal
		4	NC	
		5	GND	Ground
		6	NC	
		7	RTS	Request To Send
		8	CTS	Clear To Send
		9	NC	

Table 329: IF613 RS232 interfaces (IF2 and IF3)