

XCS_616_CPSC16004



XCSR210MDB

Diagnostic module for daisy-chain RFID safety switches

The **XCSR210MDB** module interprets the diagnostic data from the whole chain of switches and makes this information available in Modbus registers. There are two RJ45 Modbus communication connectors available for connecting external peripheral devices (such as an HMI terminal, for example).

Main characteristics of the diagnostic function:

- It provides the state of all the **XCSRC•M12** switches monitored by the safety chain.
- It identifies which protection devices are open or closed.
- It helps to prevent a restart of the machine if the chain has been unintentionally or deliberately tampered with; if an error has been detected on any of the safety switches; or if any of the wiring becomes disconnected.
- It detects if the **XCSRZE** loopback device is not connected and helps to prevent restarting until the loopback device has been reconnected and a new power cycle completed.

Description	For RFID safety switches	Reference	Weight kg
<ul style="list-style-type: none"> ■ Modbus RTU ■ 2 RJ45 outputs ■ 2 LEDs ■ 1 volt-free contact representative of the state of the chain 	XCSRC12M12, XCSRC32M12	XCSR210MDB	0.100

XCS_616_CPSC16004



XCSR2A3

XCS_616_CPSC16005



XCSRZE

Loopback device for daisy-chain RFID safety switches

Description	For RFID safety switches	Reference	Weight kg
M12 connector	XCSRC12M12, XCSRC32M12	XCSRZE	0.020

Blank transponder for new pairing

Composition	For RFID safety switches	Reference	Weight kg
<ul style="list-style-type: none"> ■ Blank transponder ■ 2 blanking plugs 	XCSRC30M12, XCSRC31AM12, XCSRC31MM12, XCSRC32M12	XCSR2A3	0.020

XCS_616_CPSC16016



XCSRZSRC1



XCSRZSTK1

Mounting accessories

Description	For use with	Reference	Weight kg
Mounting supports (supplied with 2 one-way screws, Ø 4 x 12 mm, for mounting the safety switch on the support)	Reader	XCSRZSRC1	0.150
	Transponder	XCSRZSTK1	0.050

Description	Length mm	Reference	Weight kg
One-way screws for mounting Ø 4 mm safety switches (pack of 10 screws)	14	XCSZ71	0.020
	35	XCSZ72	0.020