

RFID contactless safety switches

Choose : **1** > **2** > **3** > Reference

Product Type Start/restart mode (for Standalone models only) Multiple pairing or not

ECOLAB



	Maximum Safety Level		PL=e, category4 conforming to EN/ISO 13849-1 and SIL 3 conforming to EN/IEC 61508		
	Type		Standalone	Series connection (Daisy-chain) (2) (3)	Point-to-point connection (Single)
			Possible functioning with no safety control unit	Functioning in combination with a safety control unit PL=e/Cat4 - SIL3	
	Transponder + Factory matched reader - Single matching Automatic start + EDM		XCSRC11AM12 (1)		
	Transponder + Factory matched reader - Single matching Manual monitored start + EDM		XCSRC11MM12 (1)		
	Transponder + Reader matched in factory - Single matching		XCSRC12M12 (1) XCSRC10M12 (1)		

- (1) For the versions allowing a new pairing of a blank transponder XCSRK2A3 (maximum 2 new pairings), replace the first reference digit '1' by '3'. For example, reference XCSRC10M12 becomes XCSRC30M12. As soon as a blank transponder has been paired, the former transponder is no longer valid. A blank transponder can be matched only once.
- (2) The use of the serial diagnosis unit XCSR210MDB is optional but highly recommended. This diagnosis unit provides and localizes the state of every XCSR sensors of the chain (open/close safe guard status, presence of errors, cabling issue, ...).
- (3) The first sensor of serial connexion must be coupled with the loopback chain adaptor XCSRZE

RFID contactless safety switch accessories



Type	Connection M12 - Pre-wired - for XCSR "Single" or "Daisy Chain" (1)			
	XCSRC10M12 - XCSRC30M12 - XCSRC12M12 (1) and XCSR32M12 (1)			
Pre-wired length (cable material: PUR)	2 m	5 m	10 m	20 m
Connector M12 / 5-pin Female	Straight - Pre-wired	XZCP11V12L2	XZCP11V12L5	XZCP11V12L10
	90° - Pre-wired	XZCP12V12L2	XZCP12V12L5	XZCP12V12L10
Type	Connection M12 - Pre-wired - for XCSR "Standalone"			
	XCSRC11AM12 - XCSRC31AM12 - XCSRC11MM12 and XCSR31M12			
Pre-wired length (cable material: PUR)	2 m	5 m	10 m	20 m
Connector M12 / 8-pin Female	Straight - Pre-wired	XZCP29P12L2	XZCP29P12L5	XZCP29P12L10
	90° - Pre-wired	XZCP53P12L2	XZCP53P12L5	XZCP53P12L10
Type	Connection 2xM12 - Jumpers for XCSR "Daisy Chain"			
	XCSRC12M12 - XCSRC32M12			
Pre-wired length (cable material: PUR)	0.3 m	3 m	5 m	10 m
2 Connectors Straight female M12 5 pins	Pre-cabled for serial link directly between the sensors	XZCR1111064D03	XZCR1111064D3	XZCR1111064D5
		XZCR1111064D10	XZCR1111064D25	

- (1) For the connection of the last safety switch of the chain (XCSRC12M12 or XCSRC32M12) to the safety control unit