

Safety Management Systems

R210.6

Software Change Notice




































Version: 1.3



2.2 Safety Management Systems functionality support

This paragraph provides overview of the hardware required for main functionalities of Safety Manager SC Controller platform and Safety Manager Controller platform

Following table shows Hardware support regarding redundant/non-redundant Safety Manager (SC) (A.R.T.), FC-SCNT01, Chassis-IO, FC-RUSIO-3224/FC-RUSLS-3224, FC-PDIO01 and FC-PUIO01

Controller	Safety System	Safety Manager		Safety Manager A.R.T.	Safety Manager SC	Safety Manager SC A.R.T.	Safety Manager SC A.R.T.+
	Controller ID	FC-QPP-0002		FC-QPP-0002	FC-SCNT01/ FC-SCNT02	FC-SCNT01/ FC-SCNT02	FC-SCNT01/ FC-SCNT02
	Chassis/IOTA	CPCHAS-0001/ CPCHAS-0003		CPCHAS-0002	FC-TCNT11	FC-TCNT11	FC-TCNT11
	Size (Inch)	19" rack/ 4HE	19" rack/ 4HE	19" rack/ 4HE	15"	15"	15"
		Non-Redundant	Redundant	Redundant	Redundant	Redundant	Redundant
							
Chassis IO							
Redundant	19" rack/ 4HE						
Non-Redundant	19" rack/ 4HE						
FC-RUSIO-3224 (Universal Safety IO)							
Redundant	18"						
Non-Redundant	12"						
FC-RUSLS-3224 (Universal Safety Logic Solver)							
Redundant	18"						
Non-Redundant	12"						
FC-PDIO01 (Safety Digital IO)							
Redundant	12"						
Non-Redundant	12"						
FC-PUIO01 (Safety Universal IO)							
Redundant	12"						
Non-Redundant	12"						

Cell Empty : Not supported.

2.2.1 Safety Manager SC Controller functionality support

Feature	Safety Manager Systems Release		Hardware required			
	From	To	IOTA + Control Processor	Earth Leakage Detection	IOTA + Universal IO	IOTA + Digital IO
Redundant Safety Manager SC	R200.1	---	FC-TCNT11 + 2 X FC-SCNT01			
Experion Scada	R200.1	---	FC-TCNT11 + 2 X FC-SCNT01			
SafeNet	R200.1	---	FC-TCNT11 + 2 X FC-SCNT01			
Modbus slave	R200.1	---	FC-TCNT11 + 2 X FC-SCNT01			
Modbus Master	R201.1	---	FC-TCNT11 + 2 X FC-SCNT01			
Experion CDA/FTE support	R200.1	---	FC-TCNT11 + 2 X FC-SCNT01			
SafeNet: Safety Manager to Safety Manager SC	R201.1	---	FC-TCNT11 + 2 X FC-SCNT01			
Redundant FC-RUSIO-3224	R200.1	---	FC-TCNT11 + 2 X FC-SCNT01		FC-IOTA-R24 + 2 X FC-RUSIO-3224	
Non Redundant FC-RUSIO-3224	R210.1	---	FC-TCNT11 + 2 X FC-SCNT01		FC-IOTA-NR24 + FC-RUSIO-3224	
FC-RUSIO-3224 Earth Leakage Detection	R200.1	---	FC-TCNT11 + 2 X FC-SCNT01	FC-TELD-0001	FC-IOTA-R24 + 2 X FC-RUSIO-3224 or FC-IOTA-NR24 + FC-RUSIO-3224	
HART Handheld	R200.1	---	FC-TCNT11 + 2 X FC-SCNT01			
Low Latency SOE / FC-RUSIO-3224	R200.1	---	FC-TCNT11 + 2 X FC-SCNT01		FC-IOTA-R24 + 2 X FC-RUSIO-3224 or FC-IOTA-NR24 + FC-RUSIO-3224	
HART Pass thru / FC-RUSIO-3224	R200.1	---	FC-TCNT11 + 2 X FC-SCNT01		FC-IOTA-R24 + 2 X FC-RUSIO-3224 or FC-IOTA-NR24 + FC-RUSIO-3224	
Redundant FC-PDIO01	R200.2	---	FC-TCNT11 + 2 X FC-SCNT01			FC-TDIO11 + 2 X FC-PDIO01 2 X FC-SIC<20/10><Lx> 2 X (FC-TDIO51 OR FC-TDIO52)
Non Redundant FC-PDIO01	R210.1	---	FC-TCNT11 + 2 X FC-SCNT01			FC-TDIO11 + 1 X FC-PDIO01 2 X FC-SIC<20/10><Lx> 2 X (FC-TDIO51 OR FC-TDIO52)
Low Latency SOE / FC-PDIO01	R201.1	---	FC-TCNT11 + 2 X FC-SCNT01			FC-TDIO11 + 2 OR 1 FC-PDIO01
ART+ / FC-PDIO01	R210.1	---	FC-TCNT11 + 2 X FC-SCNT01			FC-TDIO11 + 2 FC-PDIO01
Redundant FC-PUIO01	R210.1	---	FC-TCNT11 + 2 X FC-SCNT01		FC-TUIO11 + 2 X FC-PUIO01	
Non Redundant FC-PUIO01	R210.1	---	FC-TCNT11 + 2 X FC-SCNT01		FC-TUIO11 + 1 X FC-PUIO01	
FC-PUIO01 Earth Leakage Detection	R210.1	---	FC-TCNT11 + 2 X FC-SCNT01	FC-TELD-0001	FC-TUIO11 + 2 OR 1 FC-PUIO01	
HART Pass thru / FC-PUIO01	R210.1	---	FC-TCNT11 + 2 X FC-SCNT01		FC-TUIO11 + 2 OR 1 FC-PUIO01	
A.R.T.+ / FC-PUIO01	R210.1	---	FC-TCNT11 + 2 X FC-SCNT01		FC-TUIO11 + 2 FC-PUIO01	
Low Latency SOE / FC-PUIO01	R210.1	---	FC-TCNT11 + 2 X FC-SCNT01		FC-TUIO11 + 2 OR 1 FC-PUIO01	
UMS / FC-RUSIO-3224	R210.1	---	FC-TCNT11 + 2 X FC-SCNT01		FC-IOTA-R24 + 2 X FC-RUSIO-3224 2 X CC-SICC1011/<ly> + UMS	
UMS / FC-PDIO01	R210.1	---	FC-TCNT11 + 2 X FC-SCNT01			FC-TDIO11 + 2 OR 1 FC-PDIO01 + 2 X FC-SIC5<Lx> + UMS
UMS / FC-PUIO01	R210.1	---	FC-TCNT11 + 2 X FC-SCNT01		FC-TUIO11 + 2 OR 1 X FC-PUIO01 2 X FC-SIC5<Lx> + UMS	
IO Ring support / FC-PUIO01	R211.1	---	FC-TCNT11 + 2 X FC-SCNT01		FC-TUIO11 + 2 X FC-PUIO01	

Lx = in decimeters Ly = in meters

	NOT supported		Unsupported Hardware by Safety Manager SC			
	From	To	IOTA + Control Processor	Earth Leakage Detection	Safety Universal IO/ Universal Logic solver	Safety Digital IO
Safety Manager SC	R200	---			FC-RUSLS-3224	

	Discontinued		Hardware Discontinued			
	From	To	IOTA + Control Processor	Earth Leakage Detection	Safety Universal IO/ Universal Logic solver	Safety Digital IO
Safety Manager SC	2022-Q4	---	FC-SCNT01			