

TRICON CX

Product Data Sheet

TCM4355X

Safety System Communication Module

SERIAL COMMUNICATION PORTS	DIAGNOSTIC SERIAL PORT	SERIAL CONNECTOR	MAXIMUM RATE PER SERIAL PORT
2 isolated RS-232/RS-485	1 isolated RS-232	DB-9	115.2 kbps

Triconex TCM4355X is a safety system communication module in the Tricon CX range. It is the communication module for the Tricon CX safety system and is installed in the documented 8120X main chassis. It links the safety controller to engineering, monitoring and external communication services.

01

VERIFIED TECHNICAL DATA

Serial communication ports	2 isolated RS-232/RS-485
Diagnostic serial port	1 isolated RS-232
Serial connector	DB-9
Maximum rate per serial port	115.2 kbps
Aggregate serial data rate	230.4 kbps
Communication port isolation	500 V DC
Copper network ports	2, 100BASE-TX/1000BASE-T
Fibre media interface	SFP, 100BASE-FX/1000BASE-X
Logic power requirement	Less than 19 W
HART protocol version	7

ADDITIONAL PRODUCT DATA

HART device type code	0x1416
Maximum HART-IP clients	2
Maximum concurrent HART DTM connections	1
TSAA frame-length limit	1996 bytes
Host chassis	8120X main chassis

DOCUMENTED USE SETTINGS

Oil Refining and Natural Gas Production: Petroleum Refining and Processing.

Chemical Manufacturing and Petrochemical Production: Industrial Chemical Manufacturing.

Electric Power Generation and Energy Production: Thermal Power Generation.

SYSTEM COMPATIBILITY

Triconex TCM4355X is a safety system communication module in the Tricon CX range. It is the communication module for the Tricon CX safety system and is installed in the documented 8120X main chassis. It links the safety controller to engineering, monitoring and external communication services.

PRODUCT EVIDENCE

Schneider Electric Tricon CX Addendum 9791042-002 Rev.2, original pages 47 to 51, mirrored with vendor watermark.