

Product Discontinuation Notices

Issue Date
March 1, 2024

Product Discontinuation

Network device



CRT1-[]D[]TAH(-1)
CRT1-[]D[]SH(-1)



Recommended Replacement

Network device

CRT1-[]D[]TA(-1)
CRT1-[]D[]S(-1)

[Final order entry date]

The end of March, 2025

[Date of The Last Shipping]

The end of September, 2025

[Scheduled date of maintenance close]

The end of March, 2032

[Caution on recommended replacement]

There is no short-circuit and disconnected line detection in recommended replacement.

[Difference from discontinued product]

Recommended replacement Model	Body Color	Dimensions	Wire connection	Mounting Dimensions	Characteristics	Operation ratings	Operation methods
CRT1-[]D[]TA(-1)	**	**	**	**	-	**	**
CRT1-[]D[]S(-1)	**	**	**	**	-	**	**

- ** : Compatible
- * : The change is a little/Almost compatible
- : Not compatible
- : No corresponding specification

[Product Discontinuation and recommended replacement]

Product discontinuation	Recommended replacement
CRT1-ID08TAH	CRT1-ID08TA
CRT1-ID08TAH-1	CRT1-ID08TA-1
CRT1-ID16SH	CRT1-ID16S
CRT1-ID16SH-1	CRT1-ID16S-1
CRT1-ID16TAH	CRT1-ID16TA
CRT1-ID16TAH-1	CRT1-ID16TA-1
CRT1-ID32SH	CRT1-ID32S
CRT1-ID32SH-1	CRT1-ID32S-1
CRT1-MD16SH	CRT1-MD16S
CRT1-MD16SH-1	CRT1-MD16S-1
CRT1-MD16TAH	CRT1-MD16TA
CRT1-MD16TAH-1	CRT1-MD16TA-1
CRT1-MD32SH	CRT1-MD32S
CRT1-MD32SH-1	CRT1-MD32S-1
CRT1-OD08TAH	CRT1-OD08TA
CRT1-OD08TAH-1	CRT1-OD08TA-1

Product discontinuation	Recommended replacement
CRT1-OD16SH	CRT1-OD16S
CRT1-OD16SH-1	CRT1-OD16S-1
CRT1-OD16TAH	CRT1-OD16TA
CRT1-OD16TAH-1	CRT1-OD16TA-1
CRT1-OD32SH	CRT1-OD32S
CRT1-OD32SH-1	CRT1-OD32S-1

[Characteristics]

Item	Product discontinuation CRT1-ID08TAH(-1)	Recommendable replacement CRT1-ID08TA(-1)
Power supply short-circuit detection	Operates at 50 mA/point min.	---
Disconnection detection	Operates at 0.3 mA/point max.	---
Current supplied to input devices	50 mA/point	100 mA/points
Communications power supply current consumption	35 mA max. for 24-VDC power supply voltage 60 mA max. for 14-VDC power supply voltage	30 mA max. for 24-VDC power supply voltage 50 mA max. for 14-VDC power supply voltage
I/O power supply current consumption	25 mA max. for 24-VDC power supply voltage	5 mA max. for 24-VDC power supply voltage
Weight	200g max.	190g max.

Item	Product discontinuation CRT1-ID16TAH(-1)	Recommendable replacement CRT1-ID16TA(-1)
ON voltage	10.5 VDC min.	15 VDC min.
OFF voltage	---	5 VDC max.
Power supply short-circuit detection	Operates at 50 mA/point min.	---
Disconnection detection	Operates at 0.3 mA/point max.	---
Current supplied to input devices	50 mA/points	100 mA/points
Communications power supply current consumption	40 mA max. for 24-VDC power supply voltage 70 mA max. for 14-VDC power supply voltage	40 mA max. for 24-VDC power supply voltage 55 mA max. for 14-VDC power supply voltage
I/O power supply current consumption	25 mA max. for 24-VDC power supply voltage	5 mA max. for 24-VDC power supply voltage
Weight	340g max.	330g max.

Item	Product discontinuation CRT1-OD08TAH(-1)	Recommendable replacement CRT1-OD08TA(-1)
Load short-circuit detection	Supported	---
Disconnection detection	Operates at 3 mA/point max.	---
I/O power supply current consumption	CRT1-OD08TAH:15 mA max. for 24-VDC power supply voltage CRT1-OD08TAH-1:35 mA max. for 14-VDC power supply voltage	15 mA max. for 24-VDC power supply voltage

Item	Product discontinuation CRT1-OD16TAH(-1)	Recommendable replacement CRT1-OD16TA(-1)
Load short-circuit detection	Supported	---
Disconnection detection	Operates at 3 mA/point max.	---
Communications power supply current consumption	40 mA max. for 24-VDC power supply voltage 70 mA max. for 14-VDC power supply voltage	45 mA max. for 24-VDC power supply voltage 65 mA max. for 14-VDC power supply voltage
I/O power supply current consumption	CRT1-OD16TAH:15 mA max. for 24-VDC power supply voltage CRT1-OD16TAH-1:35 mA max. for 14-VDC power supply voltage	15 mA max. for 24-VDC power supply voltage

Item	Product discontinuation CRT1-MD16TAH(-1)	Recommendable replacement CRT1-MD16TA(-1)
Communications power supply current consumption	40 mA max. for 24-VDC power supply voltage 70 mA max. for 14-VDC power supply voltage	40 mA max. for 24-VDC power supply voltage 60 mA max. for 14-VDC power supply voltage
Weight	340g max.	330g max.
ON voltage	10.5 VDC min.	15 VDC min.
OFF voltage	---	5 VDC max.
Power supply short-circuit detection	Operates at 50 mA/point min.	---
Disconnection detection	Operates at 0.3 mA/point max.	---
I/O power supply current consumption for input	25 mA max. for 24-VDC power supply voltage	5 mA max. for 24-VDC power supply voltage
Load short-circuit detection	Supported	---
Disconnection detection	Operates at 3 mA/point max.	---
I/O power supply current consumption for output	CRT1-MD16TAH:15 mA max. for 24-VDC power supply voltage CRT1-MD16TAH-1:35 mA max. for 14-VDC power supply voltage	15 mA max. for 24-VDC power supply voltage

Item	Product discontinuation CRT1-ID16SH(-1)	Recommendable replacement CRT1-ID16S(-1)
Power supply short-circuit detection	Operates at 50 mA/point min.	---
Disconnection detection	Operates at 0.3 mA/point max.	---
Communications power supply current consumption	125 mA max. for 24-VDC power supply voltage 145 mA max. for 14-VDC power supply voltage	110 mA max. for 24-VDC power supply voltage 125 mA max. for 14-VDC power supply voltage

Item	Product discontinuation CRT1-ID32SH(-1)	Recommendable replacement CRT1-ID32S(-1)
Power supply short-circuit detection	Operates at 50 mA/point min.	---
Disconnection detection	Operates at 0.3 mA/point max.	---
Communications power supply current consumption	210 mA max. for 24-VDC power supply voltage 235 mA max. for 14-VDC power supply voltage	195 mA max. for 24-VDC power supply voltage 200 mA max. for 14-VDC power supply voltage

Item	Product discontinuation CRT1-OD16SH(-1)	Recommendable replacement CRT1-OD16S(-1)
Load short-circuit detection	Supported	---
Disconnection detection	Operates at 3 mA/point max.	---
Communications power supply current consumption	40 mA max. for 24-VDC power supply voltage 65 mA max. for 14-VDC power supply voltage	40 mA max. for 24-VDC power supply voltage 60 mA max. for 14-VDC power supply voltage
I/O power supply current consumption	CRT1-OD16SH:15 mA max. for 24-VDC power supply voltage CRT1-OD16SH-1:60 mA max. for 14-VDC power supply voltage	20 mA max. for 24-VDC power supply voltage

Item	Product discontinuation CRT1-OD32SH(-1)	Recommendable replacement CRT1-OD32S(-1)
Load short-circuit detection	Supported	---
Disconnection detection	Operates at 3 mA/point max.	---
Communications power supply current consumption	50 mA max. for 24-VDC power supply voltage 90 mA max. for 14-VDC power supply voltage	50 mA max. for 24-VDC power supply voltage 80 mA max. for 14-VDC power supply voltage
I/O power supply current consumption	CRT1-OD32SH:15 mA max. for 24-VDC power supply voltage CRT1-OD32SH-1:60 mA max. for 14-VDC power supply voltage	15 mA max. for 24-VDC power supply voltage

Item	Product discontinuation CRT1-MD16SH(-1)	Recommendable replacement CRT1-MD16S(-1)
Communications power supply current consumption	60 mA max. for 24-VDC power supply voltage 90 mA max. for 14-VDC power supply voltage	75 mA max. for 24-VDC power supply voltage 95 mA max. for 14-VDC power supply voltage
Power supply short-circuit detection	Operates at 50 mA/point min.	---
Disconnection detection	Operates at 0.3 mA/point max.	---
Load short-circuit detection	Supported	---
Disconnection detection	Operates at 3 mA/point max.	---
I/O power supply current consumption for output	CRT1-MD16SH:15 mA max. for 24-VDC power supply voltage CRT1-MD16SH-1:35 mA max. for 14-VDC power supply voltage	15 mA max. for 24-VDC power supply voltage

Item	Product discontinuation CRT1-MD32SH(-1)	Recommendable replacement CRT1-MD32S(-1)
Communications power supply current consumption	60 mA max. for 24-VDC power supply voltage 100 mA max. for 14-VDC power supply voltage	45 mA max. for 24-VDC power supply voltage 70 mA max. for 14-VDC power supply voltage
Power supply short-circuit detection	Operates at 50 mA/point min.	---
Disconnection detection	Operates at 0.3 mA/point max.	---
Load short-circuit detection	Supported	---
Disconnection detection	Operates at 3 mA/point max.	---
I/O power supply current consumption for output	CRT1-MD32SH:15 mA max. for 24-VDC power supply voltage CRT1-MD32SH-1:60 mA max. for 14-VDC power supply voltage	20 mA max. for 24-VDC power supply voltage

Specifications and prices in this product news are as of the issue date and are subject to change without notice. Only main changes in specifications are described in this document. Please be sure to read the relevant catalogs, datasheets, product specifications, instructions, and manuals for precautions and necessary information when using products.