

PRODUCT
DASHBOARD

T8480

Trusted TMR 4-20 mA Analog Output Module

ICS Triplex T8480 is a Trusted TMR analog output module with 40 current-controlled channels. It delivers 4-20 mA commands and monitors field voltage and load current for output diagnostics.

BRAND

ICS Triplex

ORIGIN

USA

HS CODE

8537101190

SHIPS FROM

Xiamen, Fujian, China

Complete public-page information view

Technical data dashboard

Trusted TMR 4-20 mA Analog Output Module

BACKPLANE SUPPLY

20 to 32 Vdc

BACKPLANE POWER

22 W

FIELD SUPPLY

18 to 32 Vdc

FIELD CURRENT

0.9 A maximum

OUTPUTS

40

POWER GROUPS

5 groups of 8

CONTINUOUS CURRENT RANGE

1 to 22 mA

RECOMMENDED OUTPUT

4 to 20 mA

CALIBRATION ACCURACY

+/-0.1% FS at 25 deg C

OVERALL ACCURACY

+/-0.25% FS, 0 to 60 deg C

STEP RESPONSE

Less than 50 ms to 1%

SHORT-CIRCUIT BEHAVIOR

22 mA into 0 ohm

Application and support view

Four engineering use cases plus customer-oriented verification questions.

Control-valve positioning

Commands modulating valve positioners with supervised 4-20 mA current loops.

VFD speed-reference outputs

Provides monitored analog setpoints to compatible drive interfaces.

Process actuator demand

Delivers current commands to analog final elements in Trusted control applications.

Redundant analog-output service

Supports configured Trusted module-pair arrangements and controlled standby replacement checks.

FAQ SNAPSHOT

1

What is the exact system role of T8480?

2

Which host, rack or carrier is required for T8480?

3

What wiring or connector checks apply to T8480?

4

How is T8480 configured for service?

Related-series navigator

Eight unique and verified Apter Power destinations for this dashboard.

01

T9482 Apter Power product page

02

T9803 Apter Power product page

03

TC-001-02-2M5 Apter Power product page

04

T8235 Apter Power product page

05

TC-301-02-15M0 Apter Power product page

06

TC-302-02-4M0 Apter Power product page

07

TC-303-02-4M0 Apter Power product page

08

TC-311-02 Apter Power product page

Related pages are navigation aids and are not used as manufacturer parameter sources.

Traceability and commissioning closeout

Confirm T8480 identity and revision, T8100/T8300 slot, field termination unit, five supply groups, loop polarity and shielding, load resistance, Toolset scaling, discrepancy settings, firmware/application versions and complete 4-20 mA functional tests before commissioning.

OFFICIAL MANUFACTURER SOURCE

Trusted TMR 4-20 mA Analog Output Module 40 Channel

ICSTT-RM284P-EN-P, May 2022

ENGINEERING RELEASE NOTE

Install T8480 in a T8100 or T8300 I/O-module slot with the documented analog-output termination hardware and five field-power groups. Verify loop polarity, load resistance, channel scaling and measured current feedback before releasing any 4-20 mA final element.

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