

INDUSTRIAL AUTOMATION PRODUCT

DCOM-232/485

Five-Port HSE Communication FTA

Honeywell DCOM-232/485 is a five-port HSE communication FTA that terminates serial links for a Safety Manager USI-0002 interface.

IDENTITY	VERIFIED VALUE
Manufacturer	Honeywell
System family	Safety Manager
Part number	DCOM-232/485
Country	USA
HS code	8537101190

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DCOM-232/485

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Technical Specifications

Technical values below are limited to the named Honeywell product record.

PARAMETER	TECHNICAL VALUE
Serial interfaces	EIA-232; EIA-485
Network function	HSE communication
Port count	5
Companion module	USI-0002
FTA function	Communication termination and switching

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System Role and Architecture

Honeywell DCOM-232/485 is a five-port HSE communication FTA that terminates serial links for a Safety Manager USI-0002 interface.

FUNCTION 1

Terminates EIA-232 and EIA-485 links

FUNCTION 2

Provides five HSE communication ports

FUNCTION 3

Pairs with the USI-0002 module

FUNCTION 4

Routes safety-system communication channels

Matched system components

- USI-0002 module
- Shielded serial cable
- Safety Manager controller
- EIA-232 or EIA-485 field devices

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Applications and Engineering Context

Safety PLC serial gateways

Terminates EIA-232 and EIA-485 links

Redundant controller communications

Provides five HSE communication ports

Package-unit serial links

Pairs with the USI-0002 module

Safety-network maintenance access

Routes safety-system communication channels

TECHNICAL NOTE

Select one electrical interface per port, maintain EIA-485 termination and shield continuity, and prove each configured link before enabling command traffic.

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Engineering Precautions

1

Verify the complete DCOM-232/485 marking and its assigned Safety Manager position before work.

2

Isolate the applicable power and field energy before disconnecting DCOM-232/485.

3

Protect DCOM-232/485 connectors and electronic assemblies with approved ESD controls.

4

Record the installed wiring, channel assignment and configuration before replacement.

5

Match USI-0002 module and Shielded serial cable to the documented system arrangement.

6

Commission DCOM-232/485 with controlled status, signal and diagnostic checks.

7

Retain the final safety plc serial gateways functional-test result in the maintenance record.

MANUFACTURER SOURCE RECORD

Honeywell Safety Manager Hardware Reference

EP-SM.MAN.6284 R162

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