Eaton / Cutler-Hammer

Universal RTD Module

Style number 2D78559G01 — Catalog number URTD

Official source: Eaton MP-3000 Motor Protection Relay Instruction Manual, publication IM02602002E, and the Westinghouse/Cutler-Hammer IQ-1000 II instruction manual.

This uploaded excerpt retains only official product-identification, interface and wiring information for the requested module.

Product identity and function

The Universal RTD Module is identified by style number 2D78559G01 and catalog number URTD. It is a separately purchased module used to connect motor resistance-temperature-detector inputs to compatible motor-protection equipment.

Identification	Value
Style number	2D78559G01
Catalog number	URTD
Product type	Universal RTD Module
RTD input capacity	11 channels

System interface

The module interfaces with motor RTDs through its terminal blocks. In documented IQ-1000 II applications, the RTD module connects to the protection unit through the fiber-optic connector and/or the communications port.

For MP-3000 installations, verify the complete relay execution, retained RTD channel assignments, sensor type, alarm/trip configuration, fiber-optic link and control power before substitution.

Replacement and verification

Before removal, record the complete module marking, terminal wiring, channel-to-sensor assignment, shield and grounding arrangement, alarm and trip setpoints, communication link and installed relay configuration.

After installation, verify every RTD channel, open- and short-circuit diagnostics, indicated temperatures, alarm and trip operation, communications and the complete protected-motor function under an approved commissioning procedure.

Source publication: Eaton IM02602002E.