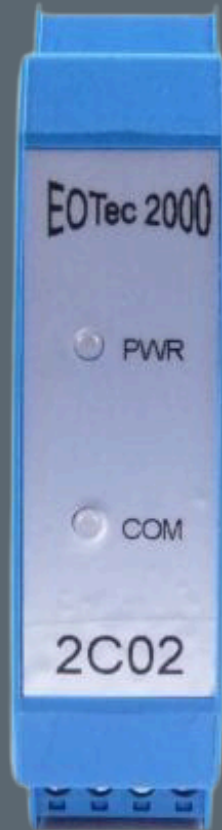


2C02 GE Genius remote I/O



Overview

Electrical Interface Modules (EIM) connect the copper signal to digital signal for transmission over fiber via the Optical Interface Module (OIM). The basic modem configuration consists of a power supply, an EIM and an OIM. Additional modules may be added to configure daisy-chain, star and self-healing ring (SHR) topologies.

Technical specification

Feature	Description
Protocol and extra features	GE Genius/remote I/O
Communications data rate	153.6K baud extended
Copper cable connector	Pluggable screw terminal 12 to 24 AWG (0.5-2.4mm) cage clamp
Copper cable end termination	User supplied
Maximum devices and copper cable length supported per module	32 units, 3500ft (1km)
Ambient conditions	-40 to 85° operational, 0-95% relative humidity non-condensing
Power requirement (bus)	9Vdc @ 200mA maximum per module
Power indicator	Green LED
Communications activity indicator	Amber LED
Certifications	CE Marked, Class I, Division 2, Groups A, B, C & D (on selected models), US and Canada
Weight	< 9oz
Accessories	OIM: 2E06, 2D06, 2E07, 2D07, 2E10, 2D10, 2E09, 2D09, 2E36, 2D36, 2E46, 2D46
Installation instructions	Shipped with product or available on request

About Ultra Energy

Organizations working with nuclear and industrial technologies must deliver reliable production at the same time as safeguarding people, the environment and infrastructure. We develop and manufacture measurement and control solutions that give our customers complete, long-term control over systems operating in harsh environments, helping them operate safely and increasing the value derived from their investments over their total lifespan.

Part of Curtiss-Wright, Ultra Energy has worked with nuclear and industrial customers for over 60 years. We support customers across the world from facilities located in the US and UK. Our solutions are embedded in strategic national infrastructure and our people are active partners in customer programs that are focused on delivering advanced future nuclear and industrial capabilities.

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