

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

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