

Item no.: 385858

EOM-G103-PHR-PTP - IEC 62439-3 managed redundancy module with 3 SGMII pinouts

from **817,19 EUR**

Item no.: 385858
shipping weight: 0.10 kg
Manufacturer: MOXA



Product Description

The EOM-G103-PHR-PTP full Gigabit managed redundancy modules are designed for device manufacturers who would like to embed and integrate the advanced functionality of IEC 62439-3 supported modules. The EOM-G103-PHR-PTP embedded modules provide enhanced performance and reliability for certain mission-critical applications, but with minimal effort. IEC 62439-3 Clause 4 (PRP) and IEC 62439-3 Clause 5 (HSR) are the newest standardized redundancy protocols for industrial automation networks where zero recovery time is needed. PRP and HSR are suitable for electrical substation automation and other mission-critical applications that cannot tolerate any system downtime. The EOM-G103-PHR-PTP series modules are compliant with the latest IEC 62439-3 standards and provide an easy and cost-effective integrated solution for adding a redundancy module to a non-IEC 62439-3 supported product. The modules support two IEC 62439-3 Ethernet ports (SGMII (MAC mode) or SERDES (1000Base-X) interface) for constructing PRP or HSR networks and one standard Ethernet port (SGMII (MAC mode) or SERDES (1000Base-X) interface) for connecting with standard IEEE 802.3 Ethernet devices. The EOM-G103-PHR-PTP series also provide an extra SGMII (MAC mode) or SERDES (1000Base-X) interface for building up a local access Ethernet console port to easily maintain, control, and manage certain devices right at the local site.

Package Checklist The EOM-G103-PHR-PTP package includes the EOM-G103-PHR-PTP embedded module only. The EOM-G103-PHR-PTP Evaluation Kit is available separately for evaluation purposes. The EOM-G103-PHR-PTP Evaluation Kit package contains the following items:- One EOM-G103-PHR-PTP embedded module- One EOM-G103-PHR-PTP-ST, the carrier board of the EOM-G103-PHR-PTP evaluation kit- Ethernet cable- USB-IF cable- Universal power adapter

NOTE Please notify your sales representative if any of the above items are missing or damaged.

Product Features The EOM-G103-PHR-PTP embedded module has the following features:- ARM9 32-bit 192 MHz processor- On-board 32 MB RAM, 16 MB flash- Two 10/100/1000Base Ethernet ports for PRP or HSR redundant networks and one 10/100/1000Base Ethernet port for network switching- One UART serial port for console control- Compact size for easy integration at any field site- Full-function evaluation kit for quick evaluation and application development

Specifications

Scan this QR code to
view the product
All details, up-to-date
prices and availability

