INDUSTRIAL COMPONENT DATA

GW DS1 1182119 PHOENIX CONTACT Serial device server for conversion of serial data (RS-232/422/485) to Ethern..

Brand: PHOENIX CONTACT | Manufacturer Part Number: GW DS1



Manufacturer	PHOENIX CONTACT
MPN / Reference	GW DS1
Catalog number	1182119
Category	PLC communication module
Minimum order	1 Pcs
Document ID	EO-83AF4C3854
Generated	2026-11-19

Product Overview

Serial device server for conversion of serial data (RS-232/422/485) to Ethernet data (RJ45). Supports TCP and UDP protocols as a complement to Modbus/RTU (or ASCII) and Modbus/TCP. The COM Port Redirector software is available for download. It features an RJ45 connection and a D-SUB-9 connection.

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > Safety

Additional Product Information

Technical dataItem PropertiesProduct Type Interface Converter
MTBF 14.2 years (MIL-HDBK-217-FN2 at 30°C)
Electrical PropertiesTest Voltage Data Interface/Data Interface 1.5 kVEff(50 Hz, 1 min.)
Test Voltage Data/Power Interface 1.5 kVEff(50 Hz, 1 min.)
1.5 kVEff
Feeding
Supply voltage 9 V DC ... 30 V DC (via hollow connector, 610 mm pigtail included)
Typical Current Absorption 71 mA (24 V DC)
Maximum Current Absorption 189 mA (9 V DC)
function
Management Web-based management
Status and Diagnostic Indications (serial data traffic)
Connection dataAWG Conductor Section (Converted according to IEC)

InterfacesSignal Ethernet
Data: Ethernet interface, 10/100Base-T(X) according to IEEE 802.3
Serial Transmission Rate 10/100 Mbits/s, self-negotiation
Connection type RJ45 female, shielded
Number of channels 1
Transmission Length <= 100 m (shielded twisted pair)
Supported Protocols TCP/IP, UDP, ASCII
Auxiliary Protocols ARP, DHCP (client), PING
Data: RS-232
Number of connections 1
Connection type Male connector D-SUB 9
Pin Occupancy DTE
Transmission Length 15 m
File Format/Encoding 5/6/7/8 bits data, parity: none/even/odd/checked/empty
Data Flow Control/Protocols Hardware, software, both, none
Data: RS-422
Number of connections 1
Connection type Male connector D-SUB 9
Pin Occupancy 2, 3 5, 6, 9
Transmission Length <= 1200 m
Terminal Resistance 120 ? (configurable)
File Format/Encoding 5/6/7/8 bits data, parity: none/even/odd/checked/empty
Data: RS-485
Number of connections 1
Connection t...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / GW DS1 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.