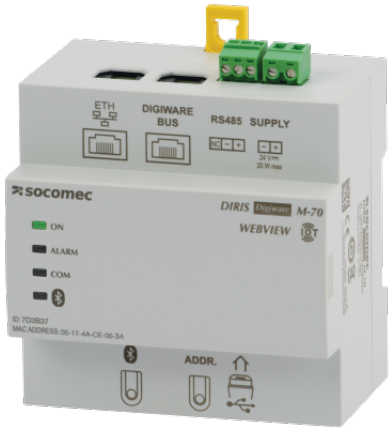
48290222

Communication gateway DIRIS Digiware M-70 Ethernet WEBVIEW BLUETOOTH



The DIRIS Digiware M-50 and M-70 communication gateways are the access point for the DIRIS Digiware system, centralising the 24 VDC power supply and communication in one single point.
The M-50 and M-70 act as the Ethernet gateway for all the devices connected on the Digiware or RS485 bus, and integrate a web server to configure the network parameters and to remotely display measurement data.
The M-50 and M-70 gateways offer a wide range of functionalities, including:
- memory extension for connected devices,
- automatic export of logged consumption and data to an FTP(S) server,
- notification emails if there is an alarm on one of the connected devices (SMTPS),
- automated time synchronisation of all connected devices via SNTP.

Strong points

- Plug & Play
- Advanced connectivity
- Embedded web server
- Cyber security
- Email notifications

General characteristics

- 24 VDC power supply.
- Modbus RTU/TCP, BACnet IP, SNMP v1, v2, v3 & Traps, HTTPS, FTPS, SMTPS, SNTP, DHCP.
- Up to 32 devices (max. 196 circuits) displayed.
- Free built-in Web-based software.

Compliance with standards

- IEC 62974-1 (Energy server)
- IEC 62443 (Cybersecurity)
- UL 61010 Guide FTRZ/PICQ File E257746
- FCC
- IC

Link to the reference

https://emea.socomec.com/en/reference/48290222

Classification

UNSPSC	83101808
ETIM Class	EC001099
IGCC	6042

Commerce

Description	Communication gateway interface for DIRIS Digiware system DIRIS Digiware M-70 with Ethernet gateway, embedded WEBVIEW-M web server (with Bluetooth connectivity)andModbuscommunication protocols
Effective date	2019-11-15
Offer Life Cycle Code	40
Country of origin	FR

Environmental impact

Carbon footprint - Lifecycle total [kg CO_2 eq.]	128
Carbon footprint - Manufacturing [A1-A3] [kg CO_2 eq.]	21
PEP Filename	SOCO-00044-V01.02-EN.pdf

ETIM - Electrical characteristics

Bus system KNX	No
Bus system KNX-RF (Radio Frequency)	No
Bus system radio frequency	No
Bus system LON	No
Bus system Powernet	No
Radio frequent bidirectional	No
Operating voltage [V]	0..24
Voltage type	DC
Power consumption [W]	2.5

ETIM - Mechanical characteristics

Width in number of modular spacings	5
Degree of protection (IP)	IP20

ETIM - Technical features

Number of channels	1
Max. number of devices per channel	32

Model	Ethernet interface
Demounting protection	No
With LED indication	Yes
Updateable	Yes
Provider dependent	No
Visualization	Yes
Web-Server	Yes
Protocol	TCP/IP
Radio interface	No
IR interface	No

Logistics

GTIN/EAN	3596033071140
Customs number	8517620000
Price unit	PC
Weight of the packing unit [kg]	0.3
Length of the packing unit [m]	0.09
Width of the packing unit [m]	0.135
Depth of the packing unit [m]	0.105

Materials and substances

EU REACH	Does not contain SVHC
EU RoHS	Compliant

Norms

Conformity to standards	IEC UL

Technical Characteristics

Height [mm]	114
Width [mm]	89
Depth [mm]	65
Communication ports	RS485 - Ethernet - Digiware - USB
Communication protocols	Modbus RTU - Modbus TCP - SNMP v1, v2, v3 & Traps - BACnet IP - HTTP(S) - FTP(S) - SMTP(S) - Bluetooth Low Energy
Model	M-70
Type	Communication gateway interface for DIRIS Digiware system