47290110

ISOM DIGIWARE L-60 24-480 VAC/24-480 VDC



Strong points

- Built-in booster
- OhmScanner solution
- Plug & Play
- Configurable inputs/outputs
- Compatible with the ISOM FP-60 portable system
- Fine-tuned insulation

General characteristics

IMD (insulation monitoring device)
- Automatically filters problems on the network.
- Digiware bus communication with ISOM Digiware D-x5 screen.
- Self-monitors the connection.
- Timestamped log.
- Measurement stops (disconnects the measuring circuit).

IFD (insulation fault detection) testing device
- OhmScanner technology to prevent reductions in insulation for each monitored circuit (with ISOM Digiware F-60).
- Adjustable search signal (1 - 5 - 10 - 25 mA).
- Synchronises with locating unit ISOM Digiware F-60 via Digiware bus.

Temperature monitoring
- Alarm on the fixed temperature threshold.

Compliance with standards

- IEC 61557-8
- IEC 61557-9
- ISO 14025

Link to the reference

https://emea.socomec.com/en/reference/47290110

ISOM Digiware L-60 units combine the functions of the insulation monitoring device (IMD) and the location signal booster.
It monitors the level of isolation of power networks in IT neutral arrangements. Options include a version for healthcare facilities and a tropicalised version for harsh environments.

Technical Characteristics

Height [mm]	89
Width [mm]	125
Depth [mm]	68
Model	L-60
Rated voltage	24 VDC
Type	Insulation Monitoring Device

ETIM - Technical features

With detachable clamps	Yes
Function	For mixed system
Indication of insulation value	Yes
Error registration possible	Yes

ETIM - Electrical characteristics

Line capacity [µF]	500
Response value impedance 1 [kOhm]	0.5..1000
Response value impedance 2 [kOhm]	0.5..1000
Number of contacts as change-over contact	2

ETIM - Mechanical characteristics

Type of electric connection	Plug-in connection
Width [mm]	125
Height [mm]	89
Depth [mm]	68

Environmental impact

Carbon footprint - Lifecycle total [kg CO_2 eq.]	104
Carbon footprint - Manufacturing [A1-A3] [kg CO_2 eq.]	22
PEP Filename	SOCO-00155-V01.01-EN.pdf

Materials and substances

EU REACH	Does not contain SVHC
EU RoHS	Compliant

Norms

Conformity to standards	IEC

Commerce

Description	Control modul for insulation and fault location for power networks or control/command circuits ISOM DIGIWARE L-60 24 VDC, monitors the level of isolation of power networks in IT neutral arrangements
Effective date	2018-10-01
Offer Life Cycle Code	40
Country of origin	FR

Logistics

GTIN/EAN	3596033001703
Customs number	9031900000
Price unit	PC
Weight of the packing unit [kg]	0.564
Length of the packing unit [m]	0.115
Width of the packing unit [m]	0.18
Depth of the packing unit [m]	0.205

Classification

UNSPSC	39122309
ETIM Class	EC001444
IGCC	5343