

48260100

Electrical network analyser DIRIS Q800 100-240VAC/65-250VDC



Strong points

- Large colour touchscreen
- Regulatory compliance
- Multiple communication channels

General characteristics

Measurements

- 4-quadrant metering.
- Voltage by phase, current by phase, frequency.
- Neutral current, differential current.
- Neutral/earth voltage.
- Active, reactive and apparent power.
- Cos phi and power factor.
- THD and spectral analysis up to the 60th for voltage and current.
- Flicker (Pst, Plt).
- Current and voltage unbalance.
- Remote control signals.
- Current and power demand: average and maximum (timestamped)

Logging

- EN 50160 events ½ period (10 ms): voltage dips, interruptions and overvoltages.
- 1/2 cycle current events (10 ms): inrush current
- Data exported automatically via FTP.
- EN 50160 reports with CBEMA / ITIC curves for PQ events.
- Transients (20 micro seconds).

Inputs/outputs

- 4 digital inputs.
- 4 digital outputs.
- 4 analogue outputs.

Compliance with standards

- IEC 61000-4-30:2015 Ver.3 Class A
- IEC 62586-1
- IEC 62586-2

- IEC 62053-22
- IEC 62053-24
- EN 50160

Access to resources (ex: manuals)



<https://www.socomec.co.uk/en-gb/reference/48260100>

The DIRIS Q800 is a multifunction network analyser for all energy efficiency projects. It helps to actively ensure the electrical system runs continuously and at optimised rates. As such, with this system you can:

- Improve the efficiency of your facility.
- Reduce production losses.
- Optimise running costs.
- Reduce maintenance costs.

To achieve these objectives, the DIRIS Q800 does the following:

- Measures electrical volumes and status (via auxiliary contacts).
- Analyses the quality of energy according to class A IEC 61000-4-30:2015 Ed.3.
- Measures differential current.
- GPS synchronisation.
- Sends an email in the event of an alarm

Technical Characteristics

Model	Q800
Classification	
UNSPSC	83101808
ETIM Class	EC001194
IGCC	6042
Commerce	
Description	Electrical network analyser DIRIS Q800, 100-240 VAC / 65-250 VDC, quality analysis of electrical energy and power grids, it helps to actively ensure the electrical system runs continuously and at optimised rates
Effective date	2016-04-19
Offer Life Cycle Code	40
Country of origin	IT
Logistics	
GTIN/EAN	3596032941819
Customs number	9030320000
Price unit	PC
Weight of the packing unit [kg]	1
Length of the packing unit [m]	0.22
Width of the packing unit [m]	0.32
Depth of the packing unit [m]	0.31
Norms	
Conformity to standards	IEC