

**48260100**

**The DIRIS Q800 is a network analyser for all energy efficiency projects**



#### Strong points

- Large colour touchscreen
- Regulatory compliance
- Multiple communication channels

#### General characteristics

##### Measurements

- Measure 4 quadrants.
- Voltage by phase, current by phase, frequency.
- Neutral current, residual current.
- Neutral/earth voltage.
- Active, reactive and apparent power.
- Cos phi and power factor.
- THD and spectral analysis up to rank 60 for voltage and current.
- Flicker (Pst, Plt).
- Voltage and current imbalance.
- Remote control signals.
- Current and power demand: average and maximum (timestamp)

##### Logging

- Events EN 50160 for a 1/2 period (10 ms): voltage dips, voltage disturbances, overvoltages.
- Current events for a 1/2 period (10 ms): inrush current.
- Automatic data export via FTP.
- EN 50160 reports with CBEMA/ITIC curves for PQ events.
- Transients (20 microseconds).

##### 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

#### Link to the reference

<https://apac.socomec.com/en/reference/48260100>

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

- Improve the efficiency of the installation.
- Reduce production losses.
- Optimise operating costs.
- Reduce maintenance costs.

To achieve all these, the DIRIS Q800 performs the following functions:

- Measure electrical quantities and states (auxiliary contacts).
- Energy quality analysis according to class A IEC 61000-4-30:2015 Ed.3.
- Measure differential current.
- GPS synchronisation.
- Send an email in the event of an alarm.

#### ====- System -====

Fill rate E-Order Common	29
Fill rate E-Order Selection	25
<b>Classification</b>	
UNSPSC	83101808
ETIM Class	EC001194
IGCC	6042
<b>Commerce</b>	
Effective date	2016-04-19
Country of origin	IT
Discount Policy	1EM30
Discount Policy Label	POWER QUALITY
<b>Logistics</b>	
GTIN/EAN	3596032941819
Customs number	9030320000
Price unit	PC
Weight of the packing unit	1
Length of the packing unit	0.22
Width of the packing unit	0.32
Depth of the packing unit	0.31
<b>Norms</b>	
Conformity to standards	IEC
<b>Technical Characteristics</b>	
Model	Q800