

# Product data sheet

## Characteristics

# CU816F100PS

Meter main, QO, CSED, ring type,  
underground, 8 space, 16 circuit, 100A,  
surface, solar ready, no bypass



### Main

Product or Component Type	Meter Mains
Range of Product	QO
Meter socket type	Ringed
Hub type	A-L

### Complementary

Line Rated Current	100 A
Number of Phases	Single phase
Short-circuit current	22 kA
Mounting	Surface
Number of spaces	8
Number of circuits	16
Electrical connection	Lugs line side Lugs service ground
Wire Size	AWG 4...300 kcmil aluminium/copper)line side AWG 8...AWG 2/0 aluminium/copper)service ground
Tightening torque	Line side 250 lb.in, AWG 4...300 kcmil, aluminium/copper Service ground 50 lb.in, AWG 8...AWG 2/0, aluminium/copper Branch lugs 50 lb.in, AWG 3...AWG 1/0, aluminium/copper Branch lugs 45 lb.in, AWG 4, aluminium/copper Branch lugs 45 lb.in, AWG 6, aluminium/copper Branch lugs 40 lb.in, AWG 8, aluminium/copper Branch lugs 35 lb.in, AWG 14...AWG 10, copper Branch lugs 35 lb.in, AWG 12...AWG10, aluminium
Disconnect	Service disconnect (factory installed)
Disconnect Rating	100 A
Branch Breaker Rating	70 A
Service feed location	UG
Bypass type	No bypass
Connections - terminals	Plug-on neutral
Color	Grey
Product Compatibility	Solar ready
Width	15.04 in (382.02 mm)
Depth	6.53 in (165.86 mm)
Height	27.87 in (707.90 mm)

### Environment

NEMA Rating	NEMA 3R
Product certifications	UL Listed ANSI

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## Ordering and shipping details

Category	00022-QO METER MAINS
Discount Schedule	DE3A
GTIN	785901993933
Returnability	Yes

## Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>