

Product data sheet

Specifications

SQUARE D



Discontinued

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

CU816F100PS

Discontinued on: May 27, 2025

End-of-service on: Jan 1, 2026

Product availability: Non-Stock - Not normally stocked in distribution facility

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

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: 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

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

Ordering and shipping details

Category	US1DE3A00148
Discount Schedule	DE3A
GTIN	785901993933
Returnability	Yes

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	28.06 in (71.28 cm)
Package 1 Width	6.69 in (16.99 cm)
Package 1 Length	15.25 in (38.74 cm)
Package weight(Lbs)	33.07 lb(US) (15.0 kg)

Contractual warranty

Warranty (in months)	18
----------------------	----



Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



Environmental footprint

Total lifecycle Carbon footprint	381 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	61 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	2 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	317 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	1 kg CO2 eq.

Use Better



Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant By Exemption
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 www.P65Warnings.ca.gov

Use Longer



Lifetime extension

Repair	No
--------	----

Use Again



Repack and remanufacture

Circularity Profile	No need of specific recycling operations
Take-back	No