Product data sheet

Specifications

Meter mains, QO, CSED, ringless socket, 125A, surface mount, maximum 8 spaces, 16 circuits, no bypass

QC816F125C

Product availability: Stock - Normally stocked in distribution facility

Main

Product or Component Type	Meter Mains
Range of Product	QO

Complementary

Line Rated Current	125 A
Short-circuit current	22 kA
Network number of phases	1
Meter socket type	Ringless
Mounting	Surface
Number of spaces	8
Number of circuits	16
Number of Tandem Breakers	8
Hub type	A
Electrical connection	Feed-thru lugs, line side Feed-thru lugs, service ground
Wire Size	AWG 6...350 kcmil aluminium/copper)line side AWG 12...AWG 2/0 aluminium/copper)service ground
Tightening torque	Main lugs 250 lb.in, AWG 6...350 kcmil, aluminium/copper Service ground 50 lb.in, AWG 14...AWG 2/0, copper Service ground 50 lb.in, AWG 12...AWG 2/0, aluminium Branch lugs 35 lb.in, AWG 6...AWG 4, aluminium/copper Branch lugs 25 lb.in, AWG 8, aluminium/copper Branch lugs 20 lb.in, AWG 14...AWG 10, copper Branch lugs 20 lb.in, AWG 12...AWG 10, aluminium Cover 10 lb.in
Disconnect	Service disconnect (factory installed)
Main Breaker Rating	125 A
Branch Breaker Rating	100 A
Service feed location	OH UG
Bypass type	No bypass
Height	35.15 in (892.81 mm)
Width	14.37 in (365.00 mm)
Depth	5.07 in (128.78 mm)
Bus Rating	125.0 A

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

Environment

Product certifications	UL E-6294

Ordering and shipping details

Category	US1DE3A00022
Discount Schedule	DE3A
GTIN	785901390978
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	6.200 in (15.748 cm)
Package 1 Width	15.0 in (38.1 cm)
Package 1 Length	36.700 in (93.218 cm)
Package weight(Lbs)	43.109 lb(US) (19.554 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	**184 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**121 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**13 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0.3 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**20 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**30 kg CO2 eq.**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**No**
Packaging without single use plastic	**No**
EU RoHS Directive	**Compliant By Exemption**
REACh Regulation	**Reference contains Substances of Very High Concern above the threshold**
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**
PVC free	**No**

Use Longer

Lifetime extension

Repair	**No**

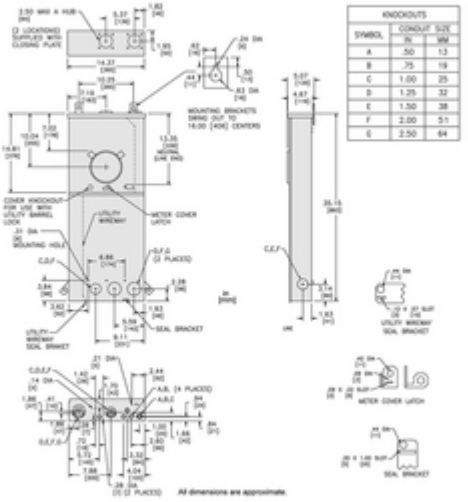
Use Again

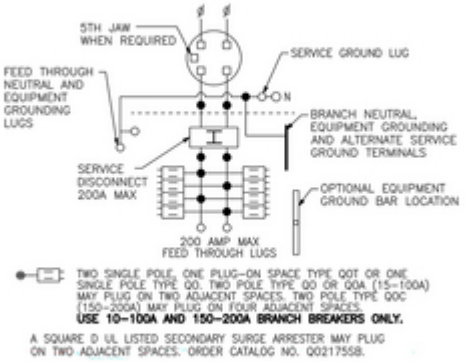
Repack and remanufacture

Recyclability potential, in %	**89**
Circularity Profile	**No need of specific recycling operations**
Take-back	**No**

Technical Illustration

Dimensions



Technical Illustration

Wiring diagram