

Product data sheet

Specifications



Meter mains, QO, CSED, ringed socket, 400A, surface mount, maximum 8 spaces, 16 circuits, class 320, no bypass

CU816D400CN

 To be discontinued

 To be discontinued on: Dec 25, 2025

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

Main

Product or Component Type	Meter Mains
Range of Product	QO

Complementary

Line Rated Current	400 A
Short-circuit current	25 kA
Network number of phases	1
Meter socket type	Ringed
Mounting	Surface Semi flush with field installed flange kit
Number of spaces	8
Number of circuits	16
Number of Tandem Breakers	8
Hub type	A-L
Electrical connection	Studs, line side Feed-thru lugs, service ground
Wire Size	AWG 4...250 kcmil aluminium)service ground AWG 4...250 kcmil copper)service ground
Disconnect	Service disconnect (ordered separately)
Main Breaker Rating	200 A
Branch Breaker Rating	200 A
Service feed location	UG
Bypass type	Class 320 No bypass
Height	43.00 in (1092.20 mm)
Width	28.25 in (717.55 mm)
Depth	7.87 in (199.90 mm)
Bus Rating	200.0 A

Environment

Product certifications	UL E-6294
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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

Ordering and shipping details

Category	US1DE3A00022
Discount Schedule	DE3A
GTIN	785901545293
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	9.29 in (23.6 cm)
Package 1 Width	29.41 in (74.7 cm)
Package 1 Length	42.20 in (107.2 cm)
Package weight(Lbs)	111.0006 lb(US) (50.349 kg)

Contractual warranty

Warranty	18 months
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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	
Carbon footprint (kg CO2 eq, Total Life cycle)	531
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 with Exemptions
REACH Regulation	REACH Declaration
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 Again

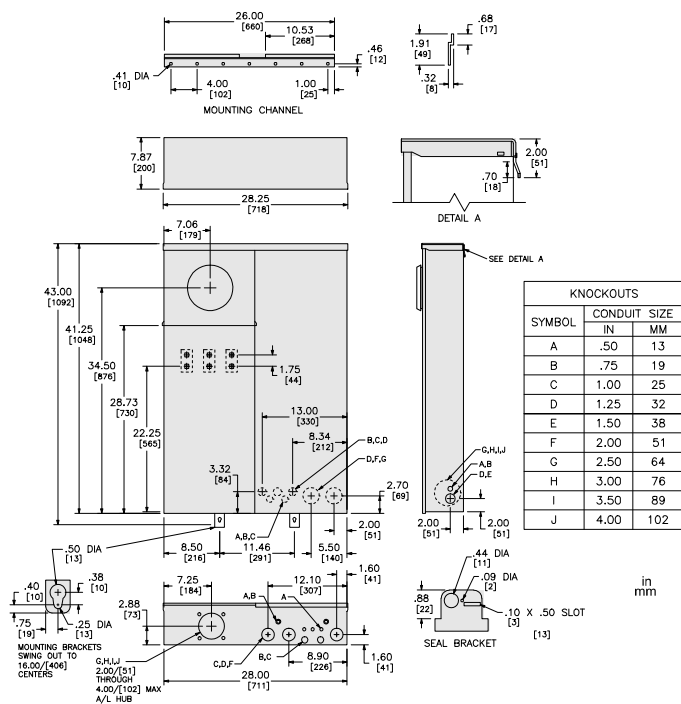
Repack and remanufacture	
Circularity Profile	No need of specific recycling operations
Take-back	No

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Technical Illustration

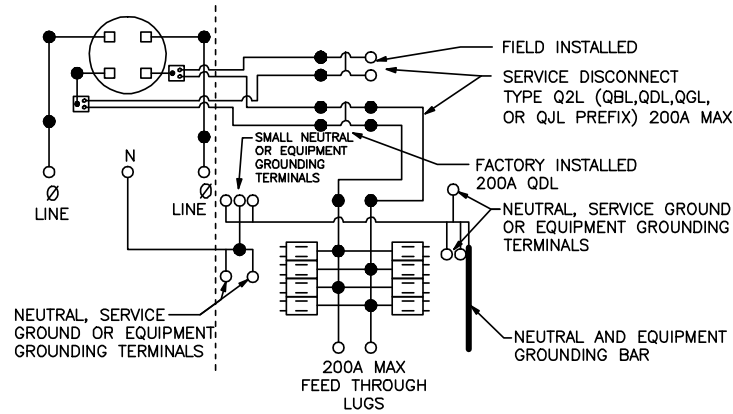
Dimensions



All dimensions are approximate. Also refer to technical documentation.

Technical Illustration

Wiring diagram



- TWO SINGLE POLE, ONE PLUG-ON SPACE TYPE QOT OR ONE SINGLE POLE TYPE QO. TWO POLE TYPE QO, QOA OR QOC(125A MAX.) MAY PLUG-ON TWO ADJACENT SPACES. TWO POLE TYPE QOC (150-200A MAX.) MAY PLUG-ON FOUR ADJACENT SPACES (RIGHT SIDE ONLY).