

# Product data sheet

Specifications

SQUARE D



Meter mains, Homeline, CSED, ringless socket, 125A, surface mount, maximum 8 spaces, 16 circuits, horn bypass

RC816F125CH

Product availability: Stock - Normally stocked in distribution facility

## Main

Product or Component Type	Meter Mains
Range of Product	Homeline

## 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	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 (ordered separately)
Main Breaker Rating	125 A
Branch Breaker Rating	100 A
Service feed location	OH UG
Bypass type	Horn bypass
Height	35.13 in (892.30 mm)
Width	14.37 in (365.00 mm)
Depth	5.07 in (128.78 mm)
Bus Rating	200.0 A

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

## Environment

Product certifications	UL E-6294
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## Ordering and shipping details

Category	US1DE3A00048
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Discount Schedule	DE3A
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GTIN	785901401834
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Returnability	Yes
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Country of origin	MX
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## Packing Units

Unit Type of Package 1	PCE
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Nbr. of units in pkg.	1
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Package 1 Height	6.00 in (15.240 cm)
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Package 1 Width	15.00 in (38.100 cm)
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Package 1 Length	36.50 in (92.710 cm)
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Package weight(Lbs)	40.999 lb(US) (18.597 kg)
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Unit Type of Package 2	PAL
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Number of Units in Package 2	21
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Package 2 Height	40.00 in (101.600 cm)
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Package 2 Width	40.00 in (101.600 cm)
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Package 2 Length	48.00 in (121.920 cm)
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Package 2 Weight	912.0002 lb(US) (413.676 kg)
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## 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)	398
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

### Use Better

Materials and Substances	
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
<a href="#">EU RoHS Directive</a>	Compliant with Exemptions
REACH Regulation	<a href="#">REACH Declaration</a>
California proposition 65	<b>WARNING:</b> 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>

### Use Again

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

Technical Illustration

Dimensions

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Technical Illustration

Wiring diagram

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Image of product / Alternate images

Alternative

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**125 A**  
120/240 V-, 1Ø,  
50/60 Hz., 3 wire/hilos  
208Y/120 V-, 1Ø,  
50/60 Hz., 3 wire/hilos

**8** Spaces  
Espacios

**16** Circuits  
Circuitos

**Main Breaker**  
Interruptor  
Principal

**Rainproof**  
Resistente a la  
intemperie

**Ringless Type**  
Tipo sin anillo

**Underground  
or Overhead**  
Aérea o Subterránea

INCLUDES INCLUIDOS



Surface  
Sobreponer  
5-jaw meter socket  
Base de medicion con 5 mordazas  
40 lbs / 19 kg  
W14.1" x H35.0" x D4.3"