

# Product data sheet

Specifications



Meter mains, QO, CSED, ringless socket, 150A, outdoor surface mount, maximum 8 spaces, 16 circuits, no bypass

QC816F150S

Product availability: Stock - Normally stocked in distribution facility

## Main

|                           |                                                                      |
|---------------------------|----------------------------------------------------------------------|
| Product or Component Type | Meter Mains                                                          |
| Range of Product          | QO                                                                   |
| Includes                  | Circuit-breaker 1) 2P 150 A 120/240 V AC main supply ready assembled |

## Complementary

|                           |                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Line Rated Current        | 150 A                                                                                                                                                                                                                                                                                                                                                                                                  |
| Short-circuit current     | 22 kA                                                                                                                                                                                                                                                                                                                                                                                                  |
| Network number of phases  | 1                                                                                                                                                                                                                                                                                                                                                                                                      |
| Meter socket type         | Ringless                                                                                                                                                                                                                                                                                                                                                                                               |
| Mounting                  | Surface (outdoor)                                                                                                                                                                                                                                                                                                                                                                                      |
| Number of spaces          | 8                                                                                                                                                                                                                                                                                                                                                                                                      |
| Number of circuits        | 16                                                                                                                                                                                                                                                                                                                                                                                                     |
| Number of Tandem Breakers | 8                                                                                                                                                                                                                                                                                                                                                                                                      |
| Hub type                  | A                                                                                                                                                                                                                                                                                                                                                                                                      |
| Electrical connection     | Feed-thru lugs, service ground<br>Feed-thru lugs, line side                                                                                                                                                                                                                                                                                                                                            |
| Wire Size                 | AWG 8...AWG 2/0 aluminium/copper)service ground<br>AWG 6...350 kcmil aluminium/copper)line side                                                                                                                                                                                                                                                                                                        |
| Tightening torque         | Main lugs 250 lb.in, AWG 6...350 kcmil, aluminium/copper<br>Service ground 50 lb.in, AWG 14...AWG 2/0, copper<br>Service ground 50 lb.in, AWG 12...AWG 2/0, aluminium<br>Branch lugs 35 lb.in, AWG 6...AWG 4, aluminium/copper<br>Branch lugs 25 lb.in, AWG 8, aluminium/copper<br>Branch lugs 20 lb.in, AWG 14...AWG 10, copper<br>Branch lugs 20 lb.in, AWG 12...AWG 10, aluminium<br>Cover 10 lb.in |
| Disconnect                | Service disconnect (factory installed)                                                                                                                                                                                                                                                                                                                                                                 |
| Main Breaker Rating       | 150 A                                                                                                                                                                                                                                                                                                                                                                                                  |
| Branch Breaker Rating     | 150 A                                                                                                                                                                                                                                                                                                                                                                                                  |
| Service feed location     | OH<br>UG                                                                                                                                                                                                                                                                                                                                                                                               |
| Bypass type               | No bypass                                                                                                                                                                                                                                                                                                                                                                                              |
| Height                    | 41.16 in (1045.46 mm)                                                                                                                                                                                                                                                                                                                                                                                  |
| Width                     | 18.76 in (476.50 mm)                                                                                                                                                                                                                                                                                                                                                                                   |
| Depth                     | 5.41 in (137.41 mm)                                                                                                                                                                                                                                                                                                                                                                                    |

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

|            |         |
|------------|---------|
| Bus Rating | 200.0 A |
|------------|---------|

## Environment

|                        |           |
|------------------------|-----------|
| Product certifications | UL E-6294 |
|------------------------|-----------|

## Ordering and shipping details

|                   |              |
|-------------------|--------------|
| Category          | US1DE3A00022 |
| Discount Schedule | DE3A         |
| GTIN              | 785901885276 |
| Returnability     | Yes          |
| Country of origin | MX           |

## Packing Units

|                        |                           |
|------------------------|---------------------------|
| Unit Type of Package 1 | PCE                       |
| Nbr. of units in pkg.  | 1                         |
| Package 1 Height       | 19.3 in (49.0 cm)         |
| Package 1 Width        | 6.8 in (17.3 cm)          |
| Package 1 Length       | 42.09 in (106.9 cm)       |
| Package weight(Lbs)    | 65.001 lb(US) (29.484 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                       | 268 kg CO2 eq.                                |
| Carbon footprint of the manufacturing phase [A1 to A3] | 183 kg CO2 eq.                                |
| Carbon footprint of the distribution phase [A4]        | 20 kg CO2 eq.                                 |
| Carbon footprint of the installation phase [A5]        | 0.4 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]   | 46 kg CO2 eq.                                 |
| 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                                                                                                                                                                                                                                                                                          |
| EU RoHS Directive                      | <a href="#">Compliant By Exemption</a>                                                                                                                                                                                                                                                      |
| REACH Regulation                       | <a href="#">Reference contains Substances of Very High Concern above the threshold</a>                                                                                                                                                                                                      |
| 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> |

## Use Longer



### Lifetime extension

|        |    |
|--------|----|
| Repair | No |
|--------|----|

## Use Again

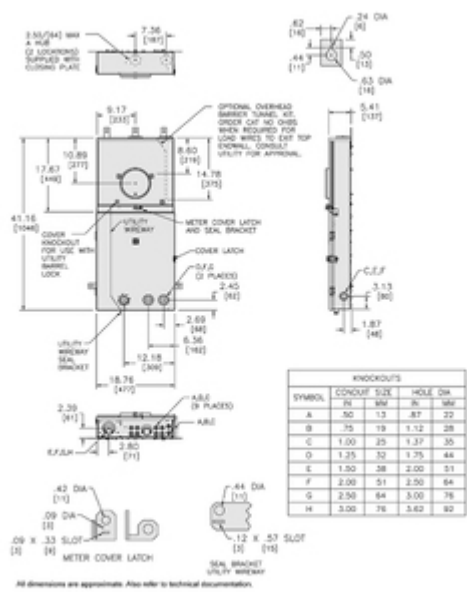


### Repack and remanufacture

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

Technical Illustration

Dimensions



Technical Illustration

Wiring diagram

