

Product data sheet

Characteristics

QO816L100TS

Load center, QO, 1 phase, 8 spaces, 16 circuits, 100A fixed main lugs, NEMA1, gnd bar, surface cover, CSA



Main

| | |
|----------------------|---------------|
| Marketing Trade Name | QO |
| Product Type | Load Center |
| Cover Type | Surface cover |

Complementary

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|--|--|
| Tightening Torque | Main lugs 50 lb.in, AWG 8, aluminium/copper Main lugs 50 lb.in, AWG 6...AWG 1/0, aluminium/copper |
| Load Center Type | Main lugs |
| Rated Current | 100 A |
| Number of Spaces | 8 |
| Max Short Circuit Current Rating | 10 kA |
| Maximum Number of Single Pole Circuits | 16 |
| Maximum Number of Tandem Breakers | 8 |
| Number of Phases | 1 phase |
| Voltage Rating | 120/240 V AC |
| Wire Size | AWG 4...AWG 1 aluminium/copper |
| Ground Bar | Grounding bar (factory installed) |
| Electrical Connection | Lugs |
| Wiring Configuration | 3-wire |
| Busbar Material | Tin plated aluminium busbar |
| Enclosure Material | Welded sheet steel |
| Surface Finish | Baked enamel Gray |
| Box Number | 4 |
| Height | 12.56 in (319 mm) |
| Width | 8.90 in (226 mm) |

Environment

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|---------------------------------------|---------------------------------|
| Enclosure Rating | NEMA 1 indoor |
| Ambient Air Temperature for Operation | 23 °F (-5 °C) 104 °F (40 °C) |
| Product Certifications | CULus |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Ordering and shipping details

| | |
|-----------------------|------------------------------------|
| Category | 00101 - QO 1PH LC,2-8CKT,NEMA 1,3R |
| Discount Schedule | DE3A |
| GTIN | 00785901804406 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 7.97 lb(US) (3.62 kg) |
| Returnability | Yes |
| Country of origin | MX |

Packing Units

| | |
|------------------|----------------------|
| Package 1 Height | 4.30 in (10.922 cm) |
| Package 1 width | 10.90 in (27.686 cm) |
| Package 1 Length | 14.40 in (36.576 cm) |

Offer Sustainability

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|----------------------------|---|
| Sustainable offer status | Green Premium product |
| 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 |
| REACH Regulation | REACH Declaration |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS Declaration |
| Environmental Disclosure | Product Environmental Profile |

Contractual warranty

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|----------|-----------|
| Warranty | 18 months |
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