

# RU48F100PSL

Meter main, Homeline, CSED, ringless,  
underground, 4 space, 8 circuit, 100A, surface,  
solar ready, lever bypass



## Main

|                           |             |
|---------------------------|-------------|
| Product or Component Type | Meter Mains |
| Range of Product          | Homeline    |
| Meter socket type         | Ringless    |
| Hub type                  | A-L         |

## Complementary

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Line Rated Current      | 100 A                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Number of Phases        | Single phase                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Short-circuit current   | 22 kA                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Mounting                | Surface                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Number of spaces        | 4                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Number of circuits      | 8                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Electrical connection   | Lugs, line side<br>Lugs, service ground                                                                                                                                                                                                                                                                                                                                                                                                  |
| Wire Size               | AWG 4...300 kcmil (aluminium/copper) line side<br>AWG 8...AWG 2/0 (aluminium/copper) service ground                                                                                                                                                                                                                                                                                                                                      |
| Tightening torque       | Line side 250 lb.in, AWG 4...300 kcmil, aluminium/copper<br>Service ground 50 lb.in, AWG 8...AWG 2/0, aluminium/copper<br>Branch lugs 50 lb.in, AWG 3...AWG 1/0, aluminium/copper<br>Branch lugs 45 lb.in, AWG 4, aluminium/copper<br>Branch lugs 45 lb.in, AWG 6, aluminium/copper<br>Branch lugs 40 lb.in, AWG 8, aluminium/copper<br>Branch lugs 35 lb.in, AWG 14...AWG 10, copper<br>Branch lugs 35 lb.in, AWG 12...AWG10, aluminium |
| Disconnect              | Service disconnect (factory installed)                                                                                                                                                                                                                                                                                                                                                                                                   |
| Disconnect Rating       | 100 A                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Branch Breaker Rating   | 70 A                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Service feed location   | UG                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Bypass type             | Lever bypass                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Connections - Terminals | Plug-on neutral                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Color                   | Grey                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Product Compatibility   | Solar ready                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Width                   | 19.32 in (490.73 mm)                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Depth                   | 6.53 in (165.86 mm)                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Height                  | 27.87 in (707.90 mm)                                                                                                                                                                                                                                                                                                                                                                                                                     |

## Environment

|                        |                       |
|------------------------|-----------------------|
| NEMA Rating            | NEMA 3R               |
| Product Certifications | UL Listed[RETURN]ANSI |

## Ordering and shipping details

|                   |                       |
|-------------------|-----------------------|
| Category          | 00048-HOM METER MAINS |
| Discount Schedule | DE3A                  |
| GTIN              | 785901994077          |
| Returnability     | Yes                   |

## Packing Units

|                              |                        |
|------------------------------|------------------------|
| Unit Type of Package 1       | PCE                    |
| Number of Units in Package 1 | 1                      |
| Package 1 Height             | 28.06 in (71.27 cm)    |
| Package 1 Width              | 6.69 in (16.99 cm)     |
| Package 1 Length             | 19.50 in (49.53 cm)    |
| Package 1 Weight             | 37.48 lb(US) (17.0 kg) |

## Offer Sustainability

|                            |                                                                                                                                                                                                                                                                                             |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| REACH Regulation           | <a href="#">REACH Declaration</a>                                                                                                                                                                                                                                                           |
| EU RoHS Directive          | Compliant with Exemptions                                                                                                                                                                                                                                                                   |
| Mercury free               | Yes                                                                                                                                                                                                                                                                                         |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>                                                                                                                                                                                                                                                      |
| RoHS exemption information | <a href="#">Yes</a>                                                                                                                                                                                                                                                                         |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>                                                                                                                                                                                                                                               |
| Circularity Profile        | No need of specific recycling operations                                                                                                                                                                                                                                                    |