

Product data sheet

Specifications



All in one, Homeline, combination service entrance, ringed socket, 100 A, semi flush, 16 spaces, 24 circuits, 10kA SSCR, OH, UG, no bypass

SC1624M100F

Product availability: Stock - Normally stocked in distribution facility

Main

Product or Component Type	All-In-One
Range of Product	Homeline
Meter socket type	Ringed
Hub type	B300 A

Complementary

Line Rated Current	100 A
Short-circuit current	10 kA
Mounting	Semi flush
Number of spaces	16
Number of circuits	24
Number of Tandem Breakers	8
Electrical connection	Lugs, line side Lugs, service ground
Wire Size	AWG 6...AWG 2/0 (aluminium) line side AWG 6...AWG 2/0 (copper) line side AWG 6...AWG 2/0 (aluminium) service ground AWG 6...AWG 2/0 (copper) service ground
Tightening torque	Main lugs 50 lb.in, AWG 6...AWG 2/0, aluminium/copper Service ground 50 lb.in, AWG 6...AWG 2/0, aluminium/copper 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, aluminium/copper Branch lugs 20 lb.in, AWG 12...AWG 10, aluminium/copper Cover 10 lb.in
Disconnect	Service disconnect (factory installed)
Disconnect Rating	100 A
Branch Breaker Rating	100 A
Service feed location	OH UG
Bypass type	No bypass
Width	14.50 in (368.30 mm)
Depth	3.39 in (86.11 mm)
Height	25.12 in (638.05 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	125.0 A
------------	---------

Ordering and shipping details

Category	US1DE3A00148
Discount Schedule	DE3A
GTIN	785901107798
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	7.900 in (20.066 cm)
Package 1 Width	17.400 in (44.196 cm)
Package 1 Length	27.600 in (70.104 cm)
Package weight(Lbs)	37.809 lb(US) (17.150 kg)
Unit Type of Package 2	PAL
Number of Units in Package 2	15
Package 2 Height	44.000 in (111.760 cm)
Package 2 Width	40.000 in (101.600 cm)
Package 2 Length	48.000 in (121.920 cm)
Package 2 Weight	609.001 lb(US) (276.238 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	163 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	105 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	11 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.2 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]	26 kg CO2 eq.
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 By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
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
PVC free	No

Use Longer



Lifetime extension

Repair	No
--------	----

Use Again

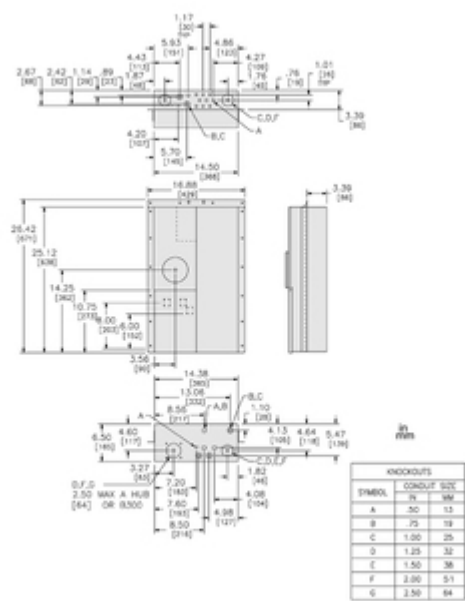


Repack and remanufacture

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

Technical Illustration

Dimensions



Technical Illustration

Wiring diagram

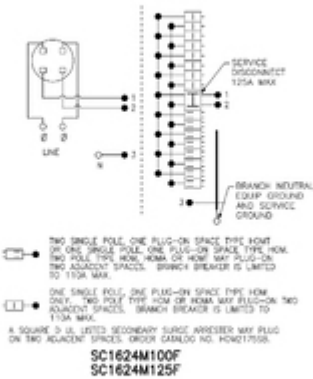


Image of product / Alternate images

Alternative

