Product data sheet Characteristics

SC2040M125PF

Hub type

All in one, Homeline, combination service entrance, ringed socket, 125A, semi flush, 20 spaces, 40 circuits, 10kA SSCR, OH, UG, no bypass, solar ready





Main	
Product or Component	All-In-One
Type	
Range of Product	Homeline
Meter socket type	Ringed

A-L

Complementary

Number of Phases 1 phase Short-circuit current 22 kA Mounting Semi flush (outdoor) Number of spaces 20 Number of circuits 40 Number of Tandem Breakers 20 Electrical connection Lugs, line side Lugs, service ground Wire Size AWG 8 AWG 20 (aluminium/copper) service ground AWG 4 250 kcmil (aluminium/copper) line side Tightening torque Service ground 50 bin, AWG 4 250 kcmil, aluminium/copper Service ground 50 bin, AWG 12 AWG 20, copper Service ground 50 bin, AWG 12 AWG 20, copper Service ground 50 bin, AWG 12 AWG 20, copper Service ground 50 bin, AWG 12 AWG 20, aluminium Branch lugs 50 bin, AWG 12 AWG 20, aluminium Branch lugs 50 bin, AWG 12 AWG 20, aluminium Branch lugs 50 bin, AWG 14 AWG 30, aluminium/copper Branch lugs 20 bin, AWG 14 AWG 30, aluminium/copper Branch lugs 20 bin, AWG 10, alu	Line Rated Current	125 A
Short-circuit current 22 kA Mounting Semi flush (outdoor) Number of spaces 20 Number of circuits 40 Number of Tandem Breakers 20 Electrical connection Lugs, line side Lugs, service ground Wire Size AWG 8AWG 2/0 (aluminium/copper) service ground AWG 8AWG 2/0 (aluminium/copper) line side Tightening torque Main lugs 250 lb. in, AWG 4250 kcmil, aluminium/copper Service ground 50 lb. in, AWG 12AWG 2/0, copper Service ground 50 lb. in, AWG 12AWG 2/0, aluminium Branch lugs 50 lb. in, AWG 14AWG 4/0, aluminium/copper Branch lugs 50 lb. in, AWG 12AWG 2/0, aluminium Branch lugs 50 lb. in, AWG 8. aluminium/copper Branch lugs 50 lb. in, AWG 8. aluminium/copper Branch lugs 25 lb. in, AWG 8. aluminium/copper Branch lugs 20 lb. in, AWG 12AWG 2/0, aluminium/copper Branch lugs 20 lb. in, AWG 14AWG 10, aluminium/copper Branch lugs 20 lb. in, AWG 14AWG 10, aluminium/copper Branch lugs 20 lb. in, AWG 14AWG 10, aluminium/copper Branch lugs 20 lb. in, AWG 14AWG 10, aluminium/copper Branch lugs 20 lb. in, AWG 12AWG 10, aluminium/copper Branch lugs 20 lb. in, AWG 12AWG 10, aluminium/copper Branch lugs 20 lb. in, AWG 12AWG 10, aluminium/copper Branch lugs 20 lb. in, AWG 12AWG 10, aluminium/copper Branch lugs 20 lb. in, AWG 12AWG 10, aluminium/copper Branch lugs 20 lb. in, AWG 12AWG 10, aluminium/copper Branch lugs 20 lb. in, AWG 12AWG 10, aluminium/copper Branch lugs 20 lb. in, AWG 12AWG 10, aluminium/copper Branch lugs 20 lb. in, AWG 12AWG 10, aluminium/copper Branch lugs 20 lb. in, AWG 12AWG 10, aluminium/copper Branch lugs 20 lb. in, AWG 10AWG 10, aluminium/copper Branch lugs 20 lb. in, AWG 10AWG 10, aluminium/copper Branch lugs 20 lb. in, AWG 10AWG 10, aluminium/copper Branch lugs 20 lb. in, AWG 10AWG 10, aluminium/copper Branch lugs 20 lb. in, AWG 10AWG 10, aluminium/copper Branch lugs 20 lb. in, AWG 10AWG 10		
Number of spaces 20 Number of circuits 40 Number of Tandem Breakers 20 Electrical connection Lugs, line side Lugs, service ground Wire Size AWG 8AWG 2/0 (aluminium/copper) service ground AWG 4250 kcmil (aluminium/copper) line side Lugs, service ground 50 lb.in, AWG 4250 kcmil, aluminium/copper Service ground 50 lb.in, AWG 4250 kcmil, aluminium/copper Service ground 50 lb.in, AWG 14AWG 2/0, copper Service ground 50 lb.in, AWG 14AWG 2/0, copper Service ground 50 lb.in, AWG 12AWG 2/0, copper Branch lugs 50 lb.in, AWG 14AWG 2/0, copper Branch lugs 50 lb.in, AWG 14AWG 2/0, copper Branch lugs 50 lb.in, AWG 14AWG 4, copper Branch lugs 50 lb.in, AWG 14AWG 4, copper Branch lugs 50 lb.in, AWG 14AWG 4, aluminium/copper Branch lugs 20 lb.in, AWG 8. aluminium/copper Branch lugs 20 lb.in, AWG 8. aluminium/copper Branch lugs 20 lb.in, AWG 14AWG 10, aluminium/copper Branch lugs 20 lb.in, AWG 14AWG 10, aluminium/copper Branch lugs 20 lb.in, AWG 14AWG 10, aluminium/copper Cover 10 lb.in Disconnect Service disconnect (factory installed) Disconnect Rating 125 A Branch Breaker Rating 110 A Service feed location UG OH outdoor Bypass type No bypass Connections - Terminals Plug-on neutral Color Grey Product Compatibility Solar ready Width 16.80 in (426.72 mm) Depth 3.40 in (86.36 mm) Height	Short-circuit current	·
Number of circuits Number of Tandem Breakers 20 Electrical connection Lugs, line side Lugs, service ground Wire Size AWG 8AWG 2/0 (aluminium/copper) service ground AWG 4250 kcmil (aluminium/copper) line side Tightening torque Main lugs 250 lb.in, AWG 4250 kcmil, aluminium/copper Service ground 50 lb.in, AWG 14AWG 2/0, copper Service ground 50 lb.in, AWG 14AWG 2/0, copper Service ground 50 lb.in, AWG 14AWG 2/0, paluminium Branch lugs 50 lb.in, AWG 14AWG 2/0, aluminium Branch lugs 50 lb.in, AWG 6AWG 4, aluminium/copper Branch lugs 50 lb.in, AWG 6AWG 4, aluminium/copper Branch lugs 20 lb.in, AWG 14AWG 10, aluminium/copper Branch lugs 20 lb.in, AWG 14AWG 1	Mounting	Semi flush (outdoor)
Number of Circuits 40 Number of Tandem Breakers 20 Electrical connection Lugs, line side Lugs, service ground Wire Size AWG 8AWG 2/0 (aluminium/copper) service ground AWG 4250 kcmil (aluminium/copper) line side Tightening torque Main lugs 250 lb. in, AWG 4250 kcmil, aluminium/copper Service ground 50 lb.in, AWG 14AWG 2/0, copper Service ground 50 lb.in, AWG 14AWG 2/0, aluminium Branch lugs 50 lb. in, AWG 14AWG 2/0, aluminium Branch lugs 50 lb. in, AWG 6AWG 2, aluminium/copper Branch lugs 50 lb. in, AWG 6AWG 2, aluminium/copper Branch lugs 20 lb. in, AWG 8, aluminium/copper Branch lugs 20 lb. in, AWG 10, aluminium/copper Branch lugs 20 lb. in, AWG 11AWG 10, aluminium/copper Branch lugs 20 lb. in, AWG 12AWG 10, aluminium/copper Br	Number of spaces	20
Electrical connection Lugs, line side Lugs, service ground Wire Size AWG 8AWG 2/0 (aluminium/copper) service ground AWG 4250 kcmil (aluminium/copper) line side Tightening torque Main lugs 250 lb in, AWG 4250 kcmil, aluminium/copper Service ground 50 lb in, AWG 14AWG 2/0, copper Service ground 50 lb in, AWG 14AWG 2/0, copper Service ground 50 lb in, AWG 12AWG 2/0, aluminium Branch lugs 50 lb in, AWG 12AWG 2, aluminium Branch lugs 50 lb in, AWG 12AWG 2, aluminium Branch lugs 35 lb in, AWG 14AWG 10, aluminium/copper Branch lugs 20 lb in, AWG 14AWG 10, aluminium/copper Branch lugs 20 lb in, AWG 14AWG 10, aluminium/copper Branch lugs 20 lb in, AWG 14AWG 10, aluminium/copper Branch lugs 20 lb in, AWG 14AWG 10, aluminium/copper Branch lugs 20 lb in, AWG 14AWG 10, aluminium/copper Branch lugs 20 lb in, AWG 14AWG 10, aluminium/copper Branch lugs 20 lb in, AWG 14AWG 10, aluminium/copper Branch lugs 20 lb in, AWG 14AWG 10, aluminium/copper Branch lugs 20 lb in, AWG 14AWG 10, aluminium/copper Branch lugs 20 lb in, AWG 14AWG 10, aluminium/copper Branch lugs 20 lb in, AWG 14AWG 10, aluminium/copper Branch lugs 20 lb in, AWG 14AWG 10, aluminium/copper Branch lugs 20 lb in, AWG 14AWG 10, aluminium/copper Branch lugs 20 lb in, AWG 14AWG 10, aluminium/copper Branch lugs 20 lb in, AWG 14AWG 10, aluminium/copper Branch lugs 20 lb in, AWG 14AWG 10, aluminium/copper Branch lugs 20 lb in, AWG 14AWG 10, aluminium/copper Branch lugs 20 lb in, AWG 12AWG 2, aluminium Branch lugs 20 lb in, AWG 12AWG 2, aluminium Branch lugs 20 lb in, AWG 14AWG 10, aluminium/copper Branch lugs 20 lb in, AWG 12AWG 2, aluminium/copper Branch lugs 20 lb in, AWG 14AWG 10, aluminium/copper Branch lugs 20 lb in, AWG 12AWG 2, aluminium/copper Branch lugs 20 lb in, AWG 14AWG 10, aluminium/copper Branch lugs 20 lb in, AWG 12AWG 10, aluminium/copper Branch lugs 20 lb in, AWG 12AWG 10, aluminium/copper Branch lugs 20 lb in, AWG 12AWG 10, aluminium/copper		40
Lugs, service ground Wire Size AWG 8AWG 2/0 (aluminium/copper) service ground AWG 4250 kcmil (aluminium/copper) line side Tightening torque Main lugs 250 lb.in, AWG 4250 kcmil, aluminium/copper Service ground 50 lb.in, AWG 14AWG 2/0, copper Service ground 50 lb.in, AWG 12AWG 2/0, aluminium Branch lugs 50 lb.in, AWG 12AWG 2/0, aluminium Branch lugs 50 lb.in, AWG 12AWG 2, aluminium Branch lugs 35 lb.in, AWG 4AWG 4, copper Branch lugs 25 lb.in, AWG 8AWG 4, aluminium/copper Branch lugs 25 lb.in, AWG 8AWG 4, aluminium/copper Branch lugs 20 lb.in, AWG 12AWG 10, aluminium/copper Branch lugs 20 lb.in, AWG 12AWG 10, aluminium/copper Cover 10 lb.in Disconnect Service disconnect (factory installed) Disconnect Rating 110 A Service feed location UG OH outdoor Bypass type No bypass Connections - Terminals Plug-on neutral Color Grey Product Compatibility Solar ready Width 16.80 in (426.72 mm) Depth Height 39.80 in (1010.92 mm)	Number of Tandem Breakers	20
AWG 4250 kcmil (aluminium/copper) line side Tightening torque Main lugs 250 lb.in, AWG 4250 kcmil, aluminium/copper Service ground 50 lb.in, AWG 14AWG 2/0, aluminium Branch lugs 50 lb.in, AWG 14AWG 2/0, aluminium Branch lugs 50 lb.in, AWG 14AWG 2/0, aluminium Branch lugs 50 lb.in, AWG 12AWG 2, aluminium Branch lugs 35 lb.in, AWG 6AWG 4, aluminium/copper Branch lugs 20 lb.in, AWG 8, aluminium/copper Branch lugs 20 lb.in, AWG 10. aluminium/copper Branch lugs 20 lb.in, AWG 11AWG 10, aluminium/copper Branch lugs 20 lb.in, AWG 12AWG 10, aluminium/copper Cover 10 lb.in Disconnect Service disconnect (factory installed) Disconnect Rating 125 A Branch Breaker Rating 110 A Service feed location UG OH outdoor Bypass type No bypass Connections - Terminals Plug-on neutral Color Grey Product Compatibility Solar ready Width 16.80 in (426.72 mm) Depth Height 39.80 in (1010.92 mm)	Electrical connection	
Service ground 50 lb.in, AWG 14AWG 2/0, copper Service ground 50 lb.in, AWG 12AWG 2/0, aluminium Branch lugs 50 lb.in, AWG 12AWG 2/0, aluminium Branch lugs 50 lb.in, AWG 12AWG 2, aluminium Branch lugs 50 lb.in, AWG 12AWG 2, aluminium Branch lugs 35 lb.in, AWG 6AWG 4, aluminium/copper Branch lugs 25 lb.in, AWG 8, aluminium/copper Branch lugs 20 lb.in, AWG 8, aluminium/copper Branch lugs 20 lb.in, AWG 14AWG 10, aluminium/copper Branch lugs 20 lb.in, AWG 12AWG 10, aluminium/copper Cover 10 lb.in Disconnect Service disconnect (factory installed) Disconnect Rating 125 A Branch Breaker Rating 110 A Service feed location UG OH outdoor Bypass type No bypass Connections - Terminals Plug-on neutral Color Grey Product Compatibility Solar ready Width 16.80 in (426.72 mm) Depth 3.40 in (86.36 mm) Height 39.80 in (1010.92 mm)	Wire Size	
Disconnect Rating Branch Breaker Rating 110 A Service feed location UG OH outdoor Bypass type No bypass Connections - Terminals Plug-on neutral Color Grey Product Compatibility Solar ready Width 16.80 in (426.72 mm) Depth 1.40 in (86.36 mm) Height Height	Tightening torque	Service ground 50 lb.in, AWG 14AWG 2/0, copper Service ground 50 lb.in, AWG 12AWG 2/0, aluminium Branch lugs 50 lb.in, AWG 14AWG 4, copper Branch lugs 50 lb.in, AWG 12AWG 2, aluminium Branch lugs 35 lb.in, AWG 6AWG 4, aluminium/copper Branch lugs 25 lb.in, AWG 8, aluminium/copper Branch lugs 20 lb.in, AWG 14AWG 10, aluminium/copper Branch lugs 20 lb.in, AWG 12AWG 10, aluminium/copper
Branch Breaker Rating 110 A Service feed location UG OH outdoor Bypass type No bypass Connections - Terminals Plug-on neutral Color Grey Product Compatibility Solar ready Width 16.80 in (426.72 mm) Depth 3.40 in (86.36 mm) Height Height	Disconnect	Service disconnect (factory installed)
Service feed location UG OH outdoor Bypass type No bypass Connections - Terminals Plug-on neutral Color Grey Product Compatibility Solar ready Width 16.80 in (426.72 mm) Depth 3.40 in (86.36 mm) Height 39.80 in (1010.92 mm)	Disconnect Rating	125 A
OH outdoor Bypass type No bypass Connections - Terminals Plug-on neutral Color Grey Product Compatibility Solar ready Width 16.80 in (426.72 mm) Depth 3.40 in (86.36 mm) Height 39.80 in (1010.92 mm)	Branch Breaker Rating	110 A
Connections - Terminals Plug-on neutral Color Grey Product Compatibility Solar ready Width 16.80 in (426.72 mm) Depth 3.40 in (86.36 mm) Height 39.80 in (1010.92 mm)	Service feed location	~ ~
Color Grey Product Compatibility Solar ready Width 16.80 in (426.72 mm) Depth 3.40 in (86.36 mm) Height 39.80 in (1010.92 mm)	Bypass type	No bypass
Product Compatibility Solar ready Width 16.80 in (426.72 mm) Depth 3.40 in (86.36 mm) Height 39.80 in (1010.92 mm)	Connections - Terminals	Plug-on neutral
Width 16.80 in (426.72 mm) Depth 3.40 in (86.36 mm) Height 39.80 in (1010.92 mm)	Color	Grey
Depth 3.40 in (86.36 mm) Height 39.80 in (1010.92 mm)	Product Compatibility	Solar ready
Height 39.80 in (1010.92 mm)	Width	16.80 in (426.72 mm)
<u>- 1 </u>	Depth	3.40 in (86.36 mm)
Bus Rating 225.0 A	Height	39.80 in (1010.92 mm)
	Bus Rating	225.0 A

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 infability of these products for specific user applications. It is the doubt of any substitute for and is not to be used for determining suitability or infability of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or substitaires shall be responsible or liable for misuse of the information contained herein.

Ordering and shipping details

Category	US1DE3A00148
Discount Schedule	DE3A
GTIN	785901903826
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.50 in (19.05 cm)
Package 1 Width	17.60 in (44.7 cm)
Package 1 Length	40.50 in (102.87 cm)
Package 1 Weight	54.90 lb(US) (24.902 kg)
Unit Type of Package 2	PAL
Number of Units in Package 2	10
Package 2 Height	40.00 in (101.6 cm)
Package 2 Width	42.00 in (106.68 cm)
Package 2 Length	48.00 in (121.92 cm)
Package 2 Weight	549.00 lb(US) (249.02 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 www.P65Warnings.ca.gov
REACh Regulation	[™] REACh Declaration
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	€ Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	No need of specific recycling operations