

Product data sheet

Specifications

SQUARE D



Mini circuit breaker, E-Frame, 40A,
1 pole, 600Y/347VAC, 100kA max,
bolt on

EJB16040

Main

Range	125 A Frame EDB-EGB-EJB
Product Type	Circuit-breaker
Device Short Name	EJB
Module Type	E-Frame
Trip Unit Rating	1800 A

Complementary

Rated Current	40 A
Maximum Operating Voltage	600Y/347 V AC
AWG Gauge	AWG 12...AWG 2/0 aluminum AWG 14...AWG 2/0 copper
Breaking Capacity	25 kA 600Y/347 V AC 65 kA 480Y/277 V AC 100 kA 240 V AC
Circuit Breaker Application	HACR rated
Electrical Connection	Lugs aluminum
Holding Current	630 A
Local Signalling	Trip indicator
Mounting Mode	Bolt-on
Number of Poles	1
Number of Spaces	1
Number of Spaces Required	1
Product Destination	NF panelboard
Protect Type	Overload Short-circuit
Trip Unit Technology	Thermal-magnetic
Breaking Capacity Code	J
Tightening Torque	34.5 lbf.in (3.9 N.m) 0.004...0.009 in ² (2.5...6 mm ²) AWG 14...AWG 10) 49.6 lbf.in (5.6 N.m) 0.02...0.1 in ² (10...70 mm ²) AWG 8...AWG 2/0)
Height	5.66 in (143.76 mm)
Width	0.98 in (24.89 mm)
Depth	4.05 in (102.87 mm)
Product Weight	2 lb(US) (0.9 kg)

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

Environment

Product Certifications	cULus
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Ambient Air Temperature for Operation	104 °F (40 °C)
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Packing Units

Unit Type of Package 1	PCE
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Number of Units in Package 1	1
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Package 1 Height	1.80 in (4.572 cm)
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Package 1 Width	6.10 in (15.494 cm)
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Package 1 Length	10.20 in (25.908 cm)
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Package 1 Weight	21.163 oz (599.967 g)
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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

[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

Pro-active compliance (Product out of EU RoHS legal scope)

SCIP Number

8781af64-acd9-485c-9a86-abcdfbd458e3

China RoHS Regulation

[China RoHS declaration](#)

Use Again

Repack and remanufacture

Take-back

No