Product data sheet

Specifications



Circuit Breaker, PowerLink™, 20A, 2 pole, 480Y/277VAC, 14kA, remotely operated, bolt on mount [TAA]

ECB24020G3

Product availability: Stock - Normally stocked in distribution facility

Main

Product	Circuit breaker
Range of Product	Powerlink
Circuit Breaker Type	ECB-G3
Circuit breaker application	HID rated Switching Duty rated HACR rated
Options	Motor for circuit-breaker 24 V DC
Trip unit technology	Thermal-magnetic, standard, LI

Complementary

Line Rated Current	20 A
Product Certifications	CSA UL Listed
Voltage Rating	480Y/277 V AC
Mounting Mode	Bolt-on
Number of Poles	2P
Interrupt Rating	14 kA 480Y/277 V AC 65 kA 120/240 V AC
Number of spaces required	2
Electrical Connection	Bolted connection
Wire Gauge	10 AWG...8 AWG aluminium 12 AWG...8 AWG copper

Environment

Ambient Air Temperature for Operation	104 °F (40 °C)

Ordering and shipping details

Category	US1DE8A09663
Discount Schedule	DE8A
GTIN	785901257219
Returnability	Yes
Country of origin	MX

Packing Units

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

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	3.300 in (8.382 cm)
Package 1 Width	6.600 in (16.764 cm)
Package 1 Length	10.000 in (25.400 cm)
Package weight(Lbs)	2.557 lb(US) (1.160 kg)

Compliance

Compliance	TAA Compliant

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	**58 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**7 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0.4 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**51 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0.2 kg CO2 eq.**
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**Yes**
SCIP Number	**8781af64-acd9-485c-9a86-abcdfbd458e3**
EU RoHS Directive	Compliant
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**

Use Again

Repack and remanufacture

Recyclability potential, in %	**31**
Circularity Profile	End of Life Information
Take-back	**No**
WEEE Label	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.**