Product data sheet

Specifications

Flexset Switchboard, PowerPacT R, I-Line, Three-phase, Micrologic 5.0 A LSI, 1000A, 600VAC, 65kA, 100%

RKA36100CU43AFLEX

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Product or Component Type	Circuit breaker
Range	FlexSet Switchboards
Current Sensor Rating Range	1000 A
Rated Current	1000 A
Breaking Capacity	65 kA 240 V AC 65 kA 480 V AC 65 kA 600 V AC
Trip Unit Technology	Electronic, ammeter, MicroLogic 5.0 A, LSI
AWG Gauge	x AWG 3/0...600 kcmil (aluminium/copper)

Complementary

Certifications	IEC UL Listed CSA
Rated operatioal Voltage	600 V AC
Mounting Location	Busbar
Mounting Mode	I-Line
Poles Description	3-pole
Circuit Breaker Rating Code	K
Continuous Current Rating	100 %
Electrical Connection	I-Line connection, line Lugs, load
Tightening Torque	247.8 lbf.in (28 N.m) 0.1…0.4 in² (95…240 mm²) (AWG 4/0...500 kcmil)
Phase Connection	ABC
Height	13.38 in (339.85 mm)
Width	14.96 in (379.98 mm)
Depth	13.78 in (350.01 mm)
Provided Equipment	1 x 1 x wiring harness connector

Ordering and shipping details

Category	US1FLEX00076
Discount Schedule	FLEX
GTIN	3606482215054
Returnability	Yes

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

Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	5.9 in (15.0 cm)
Package 1 Width	11.8 in (30.0 cm)
Package 1 Length	9.8 in (25.0 cm)
Package weight(Lbs)	48.5 lb(US) (22.0 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	**1 343 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**101 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**6 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**4 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**1 203 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**28 kg CO2 eq.**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**No**
SCIP Number	**E0af0645-a161-4464-bcbd-19783d1f9e01**
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: DINP, which is known to the State of California to cause cancer, and DIDP, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov**
Halogen content performance	**Halogen free plastic parts product**
PVC free	**Yes**

Use Longer

Lifetime extension

Repair	**No**

Use Again

Repack and remanufacture

Recyclability potential, in %	**88**
Circularity Profile	**End of Life Information**
Take-back	**No**