





Circuit breaker, PowerPacT R, 1600A, 3 pole, 600VAC, 25kA, busbar, Micrologic 6.0H, 100%, modbus

RJF36160CU74AE1



(!) Discontinued on: Jan 31, 2024

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

Main

Range	PowerPact
Product Name	PowerPact R
Product Or Component Type	Circuit breaker
Device Application	Distribution

Complementary

Complementary	
Line Rated Current	1600 A
Number Of Poles	3P
Control Type	Operating handle
Breaking Capacity Code	J
Breaking Capacity	AIR 100 kA 240 V AC 50/60 Hz UL 489 AIR 65 kA 480 V AC 50/60 Hz UL 489 AIR 25 kA 600 V AC 50/60 Hz UL 489 Icu 65 kA 240 V AC 50/60 Hz IEC 60947-2 Icu 50 kA 380/415 V AC 50/60 Hz IEC 60947-2
[Ue] Rated Operational Voltage	600 V AC 50/60 Hz UL 489
Network Frequency	50/60 Hz
[Ics] Rated Service Breaking Capacity	35 kA 240 V AC 50/60 Hz IEC 60947-2 25 kA 380/415 V AC 50/60 Hz IEC 60947-2
[Uimp] Rated Impulse Withstand Voltage	8 kV IEC 60947-2
Trip Unit Technology	Electronic, harmonic, MicroLogic 6.0 H, LSIG
Continuous Current Rating	100 %
[Ui] Rated Insulation Voltage	750 V IEC 60947-2
Trip Unit Name	MicroLogic 6.0 H
Suitability For Isolation	Yes IEC 60947-2
Utilisation Category	Category A
Awg Gauge	AWG 3/0750 kcmil aluminium/copper
Local Signalling	Alarm 1 LED yellow)long-time pick up) 1 LED red)long-time pick up) Trip causes 1 LED red) 1 LED red)digital ammeter) Ground indicator 1 LED red)

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Phase-loading LED green)load balancing)

Mounting Mode	Unit mount busbar)
Mounting Support	Busbar
Electrical Connection	Busbar connection, line Busbar connection, load
Terminal Identifier	AL2500RK
Tightening Torque	601.85 lbf.in (68 N.m) 0.080.62 in² (50400 mm²) (AWG 1/0750 kcmil) 601.85 lbf.in (68 N.m) 0.080.23 in² (50150 mm²) (2 x AWG 1/02 x 300 kcmil)
Number Of Slots	2 auxiliary switch OF plug-in) 1 alarm switch SD plug-in) 1 voltage release MN or MX plug-in)
Power Wire Stripping Length	1.38 in (35 mm)
Height	16.24 in (412.50 mm)
Width	16.54 in (420.12 mm)
Depth	14.49 in (368.05 mm)
Net Weight	52 lb(US) (23.59 kg)
Quantity Per Set	1
Communication Interface	Modbus
Circuit Breaker Application	HACR rated

Environment

Quality Labels	CE
Standards	UL
	CSA
	NEMA
	NMX J-266
	IEC 60947-2
Product Certifications	UL
	CSA
	NOM
Ip Degree Of Protection	IP40
Pollution Degree	3 IEC 60947-1
Ambient Air Temperature For Operation	-13158 °F (-2570 °C)
Ambient Air Temperature For Storage	-58185 °F (-5085 °C)
Operating Altitude	< 6561.68 ft (2000 m) without derating
	13123.36 ft (4000 m) with derating

Ordering and shipping details

Category	US10DE201245	
Discount Schedule	0DE2	
Gtin	3606486287125	
Returnability	Yes	

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	16.22 in (41.2 cm)
Package 1 Width	16.54 in (42.0 cm)

Package 1 Length	14.49 in (36.8 cm)
Package 1 Weight	52.00 lb(US) (23.587 kg)

Contractual warranty

Warranty 18 months

Sustainability Green Premium

Green PremiumTM **label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >





Transparency RoHS/REACh

Well-being performance

	Mercury Free
	Rohs Exemption Information Yes
	Pvc Free
⊘	Halogen Free Plastic Parts Product

Certifications & Standards

Eu Rohs Directive	Compliant
	EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information.
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
Circularity Profile	
officularity Frome	End of Life Information