Product data sheet
Characteristics

PKA36120
Circuit breaker, PowerPacT P, 1200A, 3 pole, 600VAC, 100kA, I-Line, ET1.0I, 80%, ABC

Green Premium™

Main

Range	PowerPact
Product name	PowerPact P
Product or Component Type	Circuit breaker
Device Application	Distribution

Complementary

Line Rated Current	1200 A
Number of Poles	3P
Control Type	Toggle
Breaking capacity code	K
Breaking capacity	AIR 65 kA 240 V AC 50/60 Hz UL 489 AIR 50 kA 480 V AC 50/60 Hz UL 489 AIR 50 kA 600 V AC 50/60 Hz UL 489 Icu 50 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	25 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, basic, ET 1.0I, I
Continuous current rating	80 %
[Ui] rated insulation voltage	750 V IEC 60947-2
Trip unit name	ET 1.0I
Suitability for isolation	Yes IEC 60947-2
Utilisation category	Category A
AWG gauge	4 x AWG 3/0...500 kcmil aluminium/copper
Local signalling	1 trip indicator green)
Mounting mode	I-Line bracket)
Mounting Support	Bracket
Electrical connection	I-Line connection, line Lugs, load
Terminal identifier	AL1200P25K
Long time pick-up adjustment range	1 In
Mounting Height	9 in (228.6 mm)
Tightening torque	442.5 Lbf.In (50 N.m) 0.1…0.4 in² (95…240 mm²) (4 x AWG 3/0...500 kcmil) 8.9…11.5 lbf.in (1.0…1.3 N.m)
Number of slots	2 auxiliary switch OF plug-in) 1 alarm switch SD plug-in) 1 overcurrent trip switch SDE plug-in) 1 voltage release MN or MX plug-in)
Power wire stripping length	1.2 in (30 mm)

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 reliability of these products for specific user applications.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Height	16.16 in (410.46 mm)
Width	8.27 in (210.06 mm)
Depth	8.05 in (204.47 mm)
Product Weight	32 lb(US) (14.5 kg)
Quantity per Set	1
Phase connection	ABC
Circuit breaker application	HACR rated

Environment

Quality labels	CE
Standards	UL CSA NEMA NOM-003-SCFI-2000 IEC 60947-2
Product certifications	UL[RETURN]CSA[RETURN]NOM
IP degree of protection	Front cover IP40
Pollution degree	3 IEC 60947-1
Ambient air temperature for operation	-13…158 °F (-25…70 °C)
Ambient Air Temperature for Storage	-58…185 °F (-50…85 °C)
Operating altitude	< 6561.68 ft (2000 m) without derating 13123.36 ft (4000 m) with derating

Ordering and shipping details

Category	US10DE201210
Discount Schedule	0DE2
GTIN	3606486286425
Returnability	Yes
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	16.1 in (41.0 cm)
Package 1 Width	8.3 in (21.0 cm)
Package 1 Length	8.03 in (20.4 cm)
Package 1 Weight	32.0001 lb(US) (14.515 kg)

Offer Sustainability

Sustainable offer status	Green Premium product
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"
REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information

Contractual warranty

Warranty	18 months