Product data sheet

Specifications

SQUARE D

Circuit breaker, PowerPacT P, 600A, 3 pole, 600VAC, 18kA, I-Line, Micrologic 6.0A, 80%, ABC

PGA36060U44A

(!) **Discontinued on:** Jan 26, 2021

(!) **Discontinued**

Main

Range	PowerPact
product name	PowerPact P
Product or component type	Circuit breaker
Device application	Distribution

Complementary

[In] rated current	600 A
Number of Poles	3P
control type	Toggle
Breaking capacity code	G
Breaking capacity	AIR 65 kA 240 V AC 50/60 Hz UL 489 AIR 35 kA 480 V AC 50/60 Hz UL 489 AIR 18 kA 600 V AC 50/60 Hz UL 489 Icu 50 kA 240 V AC 50/60 Hz IEC 60947-2 Icu 35 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 20 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, ammeter, MicroLogic 6.0 A, LSIG
Continuous current rating	80 %
[Ui] rated insulation voltage	750 V IEC 60947-2
Trip unit name	MicroLogic 6.0 A
AWG gauge	3 x AWG 3/0...500 kcmil aluminum/copper
Local signalling	Overload 1 1 LED amber) 1 flag green) Trip causes 4 trip indicator red)
Mounting mode	I-Line bracket)
Mounting support	Bracket
Electrical connection	I-Line connection, line Lugs, load
Terminal identifier	AL800M23K
Long time pick-up adjustment range	0.4...1 x Ir

Mounting height	9 in (228.6 mm)
Tightening torque	442.5 lbf.in (50 N.m) 0.1…0.4 in² (95…240 mm²) 3 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	1.0 in (25 mm)
Height	12.86 in (326.64 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 CSA 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	< 2000 m without derating 4000 m with derating

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	11.73 in (29.8 cm)
Package 1 Width	11.61 in (29.5 cm)
Package 1 Length	20.24 in (51.4 cm)
Package 1 Weight	32.0001 lb(US) (14.515 kg)

Contractual warranty

Warranty	18 months

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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 >

Use Better

Materials and Substances

Packaging made with recycled cardboard	**No**
Packaging without single use plastic	**No**
EU RoHS Directive	**Compliant**
China RoHS Regulation	**China RoHS declaration**
PVC free	**Yes**

Use Again

Repack and remanufacture

Take-back	**No**