

Product data sheet

Specifications

SQUARE D



Circuit breaker, PowerPacT M, 350A, 3 pole, 600VAC, 18kA, busbar, ET 1.0, 80%

MGF36350

⚠ Discontinued on: Nov 20, 2023

⚠ Discontinued

Main

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

Complementary

[In] rated current	350 A
Number of Poles	3P
Control type	Operating handle
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, basic, ET 1.0,
Magnetic tripping current	700...3500 A
Continuous current rating	80 %
[Ui] rated insulation voltage	750 V IEC 60947-2
Trip unit name	ET 1.0
Suitability for isolation	Yes IEC 60947-2
Utilisation category	Category A
AWG gauge	3 x AWG 3/0...3 x 500 kcmil aluminum/copper
Local signalling	1 trip indicator (green)
Mounting mode	Unit mount (busbar)
Mounting support	Busbar
Electrical connection	Busbar connection, line Busbar connection, load

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

Terminal identifier	AL800M23K
Long time pick-up adjustment range	300...800 A
Tightening torque	442.5 lbf.in (50 N.m) 0.1...0.4 in² (95...240 mm²) 3 x AWG 3/0...3 x 500 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	1.0 in (25 mm)
Color	Black
Height	12.86 in (326.64 mm)
Width	8.27 in (210.06 mm)
Depth	8.05 in (204.47 mm)
Net weight	29 lb(US) (13.2 kg)
Quantity per set	1
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	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	10.5 in (26.7 cm)
Package 1 Width	12.008 in (30.5 cm)
Package 1 Length	18.0 in (45.7 cm)
Package 1 Weight	29.1 lb(US) (13.2 kg)

Contractual warranty

Warranty (in months)	18
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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 >](#)



Environmental footprint

Total lifecycle Carbon footprint	1 440 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	85 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	4 kg CO2 eq.
Carbon footprint of the installation phase [A5]	4 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	1 327 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	20 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	21500b23-9fd3-49c7-8372-6c1a79b6c751
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
PVC free	Yes

Use Longer



Lifetime extension

Repair	No
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Use Again

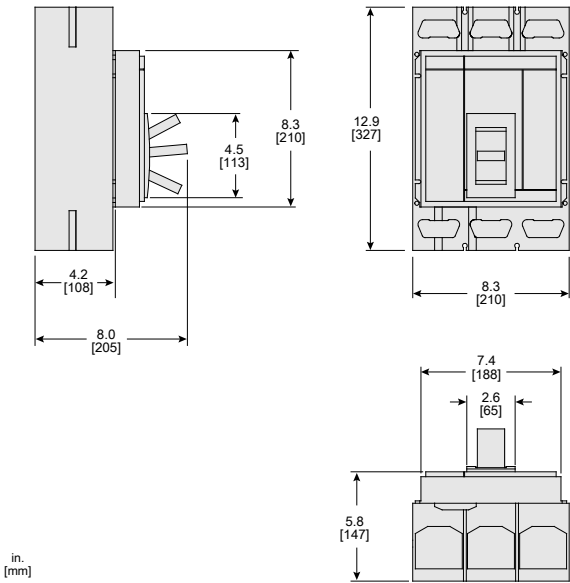


Repack and remanufacture

Recyclability potential, in %	57
Circularity Profile	End of Life Information
Take-back	Nej

Technical Illustration

Dimensions



ALL DIMENSIONS ARE APPROXIMATE.
REFER TO CAD, TECHNICAL DRAWINGS, AND DOCUMENTATION FOR COMPLETE INFORMATION.