

Product data sheet

Specifications



Circuit breaker, PowerPact M, 800A, 3 pole, 600VAC, 25kA, lugs, ET 1.0, 80%

MJP36800

Main

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

Complementary

[In] rated current	800 A
Number of Poles	3P
Control type	Operating handle
Breaking capacity code	J
Breaking capacity	AIR 100 kA at 240 V AC 50/60 Hz conforming to UL 489 AIR 65 kA at 480 V AC 50/60 Hz conforming to UL 489 AIR 25 kA at 600 V AC 50/60 Hz conforming to UL 489 Icu 65 kA at 240 V AC 50/60 Hz conforming to IEC 60947-2 Icu 50 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2
[Ue] rated operational voltage	600 V AC 50/60 Hz conforming to UL 489
Network frequency	50/60 Hz
[Ics] rated service breaking capacity	35 kA at 240 V AC 50/60 Hz conforming to IEC 60947-2 25 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kV conforming to IEC 60947-2
Trip unit technology	Electronic, basic, ET 1.0,
Magnetic tripping current	1600...8000 A
Continuous current rating	80 %
[Ui] rated insulation voltage	750 V conforming to IEC 60947-2
Trip unit name	ET 1.0
Suitability for isolation	Yes conforming to IEC 60947-2
Utilisation category	Category A
AWG gauge	3 x AWG 3/0...3 x 500 kcmil aluminium/copper
Local signalling	1 trip indicator (green)
Mounting mode	Unit mount (lug)
Mounting support	Lug
Electrical connection	Terminal nut, line Lugs, load
Terminal identifier	AL800M23K

Long time pick-up adjustment range	300...800 A
Tightening torque	50 N.m for 95...240 mm ² (3 x AWG 3/0...3 x 500 kcmil)
Number of slots	2 slot(s) for auxiliary switch OF (plug-in) 1 slot(s) for alarm switch SD (plug-in) 1 slot(s) for voltage release MN or MX (plug-in)
Power wire stripping length	25 mm
Color	Black
Height	326.64 mm
Width	210.06 mm
Depth	204.47 mm
Net weight	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 conforming to IEC 60947-1
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-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	46.99 cm
Package 1 Width	30.734 cm
Package 1 Length	26.162 cm
Package 1 Weight	13.24 kg



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	1452
Environmental Disclosure	Product Environmental Profile

Use Better

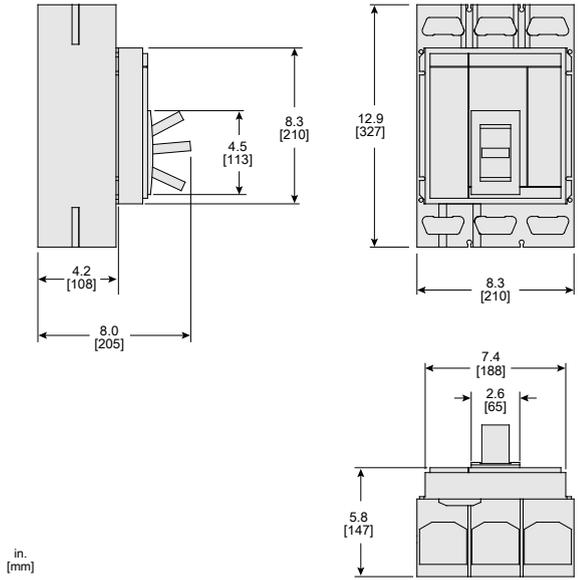
 Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant with Exemptions
SCIP Number	21500b23-9fd3-49c7-8372-6c1a79b6c751
REACH Regulation	REACH Declaration
California proposition 65	WARNING: This product can expose you 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
PVC free	Yes

Use Again

 Repack and remanufacture	
End of life manual availability	End of Life Information
Take-back	No

Technical Illustration

Dimensions



in.
[mm]

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