# MGA36600JK

Circuit breaker, PowerPacT M, 600A, 3 pole, 600VAC, 18kA, I-Line, ET 1.0, 80%, ABC, kirk lock





#### Main

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

#### Complementary

Complementary	
Line Rated Current	600 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
[lcs] 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	12006000 A
Continuous current rating	80 %
[Ui] rated insulation voltage	750 V IEC 60947-2
Trip unit name	ET 1.0
Accessory / separate part type	Keylock accessories
Suitability for isolation	Yes IEC 60947-2
Utilisation category	Category A
AWG gauge	3 x AWG 3/03 x 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	AL800M23K
Long time pick-up adjustment range	300800 A
Mounting height	9 in (228.60 mm)
Tightening torque	442.54 lbf.in (50 N.m) 0.150.37 in² (95240 mm²) (3 x AWG 3/03 x 500 kcmil)

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.

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	0.98 in (25 mm)	
Type of Keylock	Kirk	
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) (13.15 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[RETURN]CSA[RETURN]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	US10DE201200
Discount Schedule	0DE2
GTIN	3606486284681
Returnability	Yes
Country of origin	US

### **Packing Units**

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Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	10.00 in (25.4 cm)
Package 1 Width	11.75 in (29.845 cm)
Package 1 Length	17.81 in (45.245 cm)
Package 1 Weight	29.00 lb(US) (13.154 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	
China RoHS Regulation	☑ China RoHS Declaration	
RoHS exemption information	₫Yes	
Environmental Disclosure	Product Environmental Profile	

Circularity Profile	☐ End Of Life Information	
PVC free	Yes	
Contractual warranty		
Warranty	18 months	