# **Product datasheet**

Specifications





Circuit breaker, GoPact MCCB 800, 3 poles, 50kA at 415VAC, 630A rating, ETU trip unit, adjustable thermal protection

G80N3E630

### Main

Range Of Product	GoPact MCCB	
Product Or Component Type	Circuit breaker	
Product Name	GoPact MCCB 800	
Device Application	Distribution	
Poles Description	3P	
Protected Poles Description 3D		
[In] Rated Current	630 A at 40 °C	
[Ue] Rated Operational Voltage	I Voltage 415 V AC 50/60 Hz conforming to EN/IEC 60947-2	
Suitability For Isolation	Yes conforming to EN/IEC 60947-2	
Utilisation Category	Category A	
[Icu] Rated Ultimate Short-Circuit Breaking Capacity	50 kA lcu at 380/415 V AC 50/60 Hz conforming to EN/IEC 60947-2 65 kA lcu at 220/230 V AC 50/60 Hz conforming to EN/IEC 60947-2	
Performance Level	N 50 kA 380/415 V AC	
Trip Unit Name	ETU	
Trip Unit Technology	Electronic	
Trip Unit Protection Functions	LSI	
Control Type	vpe Toggle	
Circuit Breaker Mounting Mode Fixed		

## Complementary

[Ui] Rated Insulation Voltage	440 V AC conforming to EN/IEC 60947-2	
[Uimp] Rated Impulse Withstand Voltage	8 kV conforming to EN/IEC 60947-2	
[Ics] Rated Service Short-Circuit Breaking Capacity	50 kA at 380/415 V AC 50/60 Hz conforming to EN/IEC 60947-2 65 kA at 220/230 V AC 50/60 Hz conforming to EN/IEC 60947-2	
Mechanical Durability	15000 cycles	
Electrical Durability	3000 cycles at 415 V In	
Power Dissipation Per Pole	50 W	
Mounting Support	Backplate	
Mounting Position	Horizontal and vertical Flat on the back	
Upside Connection	Front	
Downside Connection	Front	

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

Connection Terminals	screw terminals
Connection Pitch	60 mm
Protection Type	L : for overload protection (thermal) S : for short time short-circuit protection I : for instantaneous short-circuit protection
Trip Unit Rating	630 A at 40 °C
Long-Time Pick-Up Adjustment Type Ir (Thermal Protection)	Adjustable
[Ir] Long-Time Protection Pick-Up Adjustment Range	0.251 x ln
Long-Time Protection Delay Adjustment Type Tr	Fixed
Short-Time Protection Pick-Up Adjustment Type Isd	Adjustable
[Isd] Short-Time Protection Pick- Up Adjustment Range	1.510 x lr
Short-Time Protection Delay Adjustment Type Tsd	Fixed
Instantaneous Protection Pick-Up Adjustment Type Ii	Adjustable
[li] Instantaneous Protection Pick- Up Adjustment Range	1.510 x ln
Width (W)	180 mm
Height (H)	250 mm
Depth (D)	105 mm
Net Weight	6.9 kg
Colour	Grey (RAL 7035)

## **Environment**

Standards	EN/IEC 60947-1 EN/IEC 60947-2 EN/IEC 60947-2 Annex H	
Overvoltage Category	III	
Pollution Degree	3 conforming to IEC 60664-1	
Ip Degree Of Protection	IP20 conforming to IEC 60529	
Ambient Air Temperature For Operation	-2055 °C	
Ambient Air Temperature For Storage	-3585 °C	
Operating Altitude	02000 m without derating 20005000 m with derating	

## **Packing Units**

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Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	29.4 cm
Package 1 Width	29.8 cm
Package 1 Length	39.8 cm
Package 1 Weight	10.01 kg
Unit Type Of Package 2	P06
Number Of Units In Package 2	12
Package 2 Height	105 cm

Package 2 Width	60 cm
Package 2 Length	80 cm
Package 2 Weight	25.804 kg



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Transparency RoHS/REACh

### Well-being performance

	Mercury Free	
<b>②</b>	Rohs Exemption Information	Yes
	Pvc Free	

#### **Certifications & Standards**

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration  Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	End of Life Information