

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	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 Icu at 380/415 V AC 50/60 Hz conforming to EN/IEC 60947-2 65 kA Icu 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	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	
[lcs] 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	

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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 li	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**

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



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	1206
Environmental Disclosure	Product Environmental Profile

#### **Use Better**

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Compliant
SCIP Number	15949af7-fae7-4b1c-88e4-14f1940ad597
REACh Regulation	REACh Declaration
PVC free	Yes

### **Use Again**

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

## **Technical Illustration**

## **Dimensions**

