



PRODUCT-DETAILS

# E880+163D80

## E880+163D80 High Performance MCB

### Informações gerais

Extended Product Type	E880+163D80
Product ID	2CCG000314R0001
EAN	5413656649311
Catalog Description	E880+163D80 High Performance MCB
Long Description	E880+251C100 High Performance MCB, 16 kA, 3 Pole, D characteristic, 80 A

### Technical

Standards	IEC/EN 60947-2 IEC/EN 60898-1
Tripping Characteristic	D
Rated Voltage ( $U_r$ )	230/400 V AC
Rated Operational Voltage	230/400 V AC
Rated Insulation Voltage ( $U_i$ )	acc. to IEC/EN 60664-1 500 V AC
Rated Impulse Withstand Voltage ( $U_{imp}$ )	6 kV
Rated Current ( $I_n$ )	80 A
Rated Operational Current ( $I_a$ )	80 A
Rated Short-Circuit Capacity ( $I_{cn}$ )	(230 / 400 V AC) 10 kA
Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ )	(240 / 415 V AC) 16 kA (225 V DC) 10 kA
Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ )	(230 / 400 V AC) 10 kA
Frequency (f)	50 / 60 Hz
Rated Frequency (f)	50 ... 60 Hz
Power Loss	19.2 W at Rated Operating Conditions per Pole 6.4 W
Contact Position Indication	ON / OFF / TRIP
Energy Limiting Class	3
Number of Poles	3
Overvoltage Category	III
Tightening Torque	3.5 N·m
Actuator Marking	I / O

Housing Material	Insulation group I, RAL 7035
Mounting on DIN Rail	TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715
Mounting Position	any
Recommended Screw Driver	Pozidriv 2
Remarks	Connection from top and bottom Connecting with CU only IP40 in enclosure with cover Cage terminal with captille screw
Number of Batteries	0
Connecting Capacity	Flexible 1 ... 50 mm <sup>2</sup> Stranded 1 ... 70 mm <sup>2</sup>
Terminal Type	Screw Terminals

## Environmental

Reference Ambient Air Temperature	acc. to IEC60947-2 30 °C acc. to EN60898-1 30 °C
Degree of Protection	IP20
Pollution Degree	3

## Dimensions

Product Net Width	81 mm
Product Net Height	95 mm
Product Net Depth / Length	82.5 mm
Product Net Weight	740 g

## Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	105 mm
Package Level 1 Height	99 mm
Package Level 1 Depth / Length	86 mm
Package Level 1 Gross Weight	770 g
Package Level 1 EAN	5413656649311

## Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85362090
Country of Origin	Switzerland (CH)

## Certificates and Declarations (Document Number)

Declaration of Conformity - CE	No declaration needed
Instructions and Manuals	No document needed

## Popular Downloads

Data Sheet, Technical Information	No document needed
Instructions and	No document needed

Manuals

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## Classifications

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ETIM 7	EC000042 - Miniature circuit breaker (MCB)
ETIM 8	EC000042 - Miniature circuit breaker (MCB)
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Business
CN8	85362020
Object Classification Code	F

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## Categorias

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Produtos e Sistemas de Baixa Tensão → Produtos modulares para trilho DIN → AEG → MCB AEG