



**Ref. No. 606211 | Cat. No. BPC480/030**

**Description: RCCB Residual current circuit breaker BP AC 4P 80 A 30 mA**

**EAN 5413656062110**

**Products > Modular DIN-rail devices > People protection > People protection**

Series BP/BD - Residual Current Circuit Breakers  
People protection against the risk of electrocution.  
Features and benefits

- In accordance with IEC 61008
- Additional protection for people (up to 10/30mA) and property (above 30mA)
- Ratings 16A,25A,40A,63A,80A and 100A
- 30mA,100mA,300mA, 500mA and 1000mA sensitivity options
- 2P 2Module, 4P 4Module
- High resistance to nuisance tripping
- Type AC, A, S, B, or types Ai and Si
- Can be fitted with auxiliary contacts

**Descriptors**

Category	People protection
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**Specifications**

Series	Residual current circuit breaker
Range	BP
Type	Type AC
Serie	Series AC
Un	240/415 Vac
Poles	4P
Rated current In	80 A
Residual current	30 mA
Operating time	Instantaneous
AC/DC	AC
Number of modules	4
Terminal capacity flexible/rigid cable	35-50 mm <sup>2</sup>
Tropicalisation according to IEC 60068-2-28/2-30	95%RV at 55°C
Electrical service life	20000/10000
Selectivity class	3
Minimum servicevoltage	205 V
Frequency	50/60 Hz
Operating temperature	-5°C / +40°C
Storage temperature	-25°C / +70°C
Shock voltage	6
Protection Degree	IP20
Ambient temperature	-5 / 40°C
Nominal current Un	240-415 Vac
Nuisance tripping resistance	250 A 8/20 μs
Nominal current	Im = 500 A
Differential making and breaking capacity	I(Δ)m >= 10 In
Short circuit capacity	I <sub>nc</sub> = 10000A at 240V/415V
Short circuit capacity / norm	fuse 80A gG

## Specifications

Standard packing	1/3
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## Classifications

Approvals	CE, KEMA
Approval/norm	EN 61008
ETIM 5.0	EC000003
ETIM 6.0	EC000003

## Dimensions

Weight	0.385 kg
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## Publications

Title	Publication No.	Publication Type
<a href="#">RCCB Residual current circuit breaker - 4P 4modules - Series BP-BD (stp)</a> 3D Drawing: Modular DIN-rail device - People protection - RCCB Residual current circuit breaker - 4P 4modules - Series BP-BD (STEP format) <a href="#">RCCB Residual current circuit breaker - 4P 4modules - Series BP-BD (pdf)</a>	3D-01108	Drawings - CAD - 3D
3D PDF Viewer: Modular DIN-rail device - People protection - RCCB Residual current circuit breaker - 4P 4modules - Series BP-BD (3DPDF format)	3D-01108-PDF	Drawings - CAD - 3D

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