

# Product data sheet

## Specifications



## Residual current circuit breakers (RCBOs)

### AD-12 EKF BASIC

IEC 61009-1

Product line	BASIC
Series name	AD-12
Device application	Distribution
Product type	Residual current circuit breaker
Rated voltage [Ue, V]	230/230
Frequency [Hz]	50/60
Poles	1P+N
Rated current [In, A]	10, 16, 20, 25, 32, 40, 50, 63
Rated operating residual current [IΔn, mA]	30
Trip unit technology	Thermal-magnetic
Rated breaking capacity [Icn, A]	4 500
Tripping curve	C
Rated residual non-operating current [IΔno, mA]	0,5IΔn
Residual current protection type	Electronic (voltage dependent)
Residual current protection type	no time delay
Mechanical endurance, O-C cycles	8 000
Electrical endurance, O-C cycles	4 000
Tightening torque, max. [N·m]	2,5
Degree of protection	IP20
Operating temperatures [°C]	-25...+50
Cross-section of connection wires [mm <sup>2</sup> ]	1 - 25
Mounting support	DIN rail
Weight, max. [kg]	0,162
Standard	IEC 61009-1
Warranty period	3 years



**EKF**

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Overall dimensions:

