

RESIDUAL CURRENT CIRCUIT BREAKER OVERLOAD PROTECTION

A120 Residual current circuit breaker with overload protection RCBO

10000A



FDL16-32H

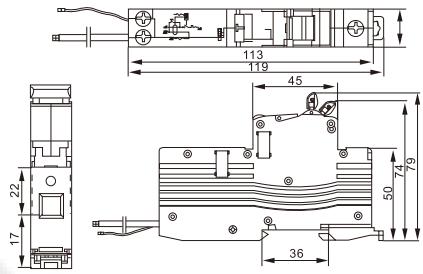
Breaking Capacity: H: 10000A; N: 6000A; L: 4500A

Curve	Rated Current	Residual Current	AC type / Order Code
			1P+N (1 module)
B	6A	30mA	L16-DPNB-0630
		100mA	L16-DPNB-06100
	10A	30mA	L16-DPNB-1030
		100mA	L16-DPNB-10100
	16A	30mA	L16-DPNB-1630
		100mA	L16-DPNB-16100
	20A	30mA	L16-DPNB-2030
C		100mA	L16-DPNB-20100
	25A	30mA	L16-DPNB-2530
		100mA	L16-DPNB-25100
	32A	30mA	L16-DPNB-3230
		100mA	L16-DPNB-32100
	6A	30mA	L16-DPNC-0630
		100mA	L16-DPNC-06100
C	10A	30mA	L16-DPNC-1030
		100mA	L16-DPNC-10100
	16A	30mA	L16-DPNC-1630
		100mA	L16-DPNC-16100
	20A	30mA	L16-DPNC-2030
		100mA	L16-DPNC-20100
	25A	30mA	L16-DPNC-2530
		100mA	L16-DPNC-25100
	32A	30mA	L16-DPNC-3230
		100mA	L16-DPNC-32100

Construction and Feature

- ◆ Provides protection against earth fault/leakage current and function of isolation
- ◆ Provides protection against over-voltage
- ◆ Applicable to terminal and pin/fork type busbar connection
- ◆ Contact position indication
- ◆ Fire resistant plastic parts endures abnormal heating and strong impact
- ◆ Automatically disconnect the circuit when earth fault/leakage current occurs and exceeds the rated sensitivity.
- ◆ Independent of power supply and line voltage and free from external interference, voltage fluctuation.

Overall & installation dimensions



Technical Data

- | | |
|--|---|
| ◆ Mode: electronic type | ◆ Electro-mechanical endurance: 4000 cycles |
| ◆ Residual current characteristics: AC | ◆ Connection capacity: Rigid conductor 25mm ² |
| ◆ Pole No.: 1P+N | ◆ Circumstance temperature -5°C~ +40°C , average temperature not exceeding 35°C |
| ◆ Tripping curve: B,C | ◆ Altitude above sea level less than 2000 m |
| ◆ Rated making and breaking capacity:
10000A | ◆ Humidity not exceeding 50% at 40°C and not exceeding 90% at 25°C. |
| ◆ Rated current: 6,10,16,20,25,32 | ◆ Connection terminal: |
| ◆ Rated residual operating current I _{Δn} (mA):
30 | ◆ Pillar terminal with clamp |
| ◆ Rated residual operating current I _{Δn} (mA):
30,100 | ◆ Fastening torque: 2.5Nm |
| ◆ Tripping duration: instantaneous tripping≤
0.1s | ◆ Installation: |
| | ◆ On symmetrical DIN rail 35mm |
| | ◆ Panel mounting |



RESIDUAL CURRENT CIRCUIT BREAKER OVERLOAD PROTECTION



A120 Residual current circuit breaker with overload protection RCBO

FDL16-40N

Breaking Capacity: H: 10000A; N: 6000A; L: 4500A

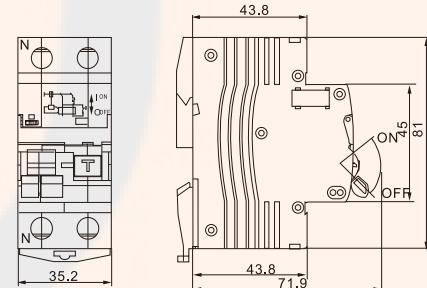


Curve	Rated Current	Residual Current	AC type / Order Code
			1P+N (2module)
B	6A	30mA	L16-PNB-0630
	10A	30mA	L16-PNB-1030
	16A	30mA	L16-PNB-1630
	20A	30mA	L16-PNB-2030
	25A	30mA	L16-PNB-2530
	32A	30mA	L16-PNB-3230
C	40A	30mA	L16-PNB-4030
	6A	30mA	L16-PNC-0630
	10A	30mA	L16-PNC-1030
	16A	30mA	L16-PNC-1630
	20A	30mA	L16-PNC-2030
	25A	30mA	L16-PNC-2530
	32A	30mA	L16-PNC-3230
	20A	30mA	L16-PNC-4030

Construction and Feature

- ◆ Provides protection against earth fault/leakage current and function of isolation.
- ◆ Provides protection against over-voltage
- ◆ Applicable to terminal and pin/fork type busbar connection
- ◆ Contact position indication
- ◆ Fire resistant plastic parts endures abnormal heating and strong impact
- ◆ Automatically disconnect the circuit when earth fault/leakage current occurs and exceeds the rated sensitivity.
- ◆ Independent of power supply and line voltage, and free from external interference, voltage fluctuation.

Overall & installation dimensions



Technical Data

- ◆ Mode: electronic type
- ◆ Residual current characteristics: AC
- ◆ Pole No.: 1P+N
- ◆ Tripping curve: B,C
- ◆ Rated making and breaking capacity: 6000A
- ◆ Rated voltage & frequency: 230V AC; 50/60Hz
- ◆ Rated current: 6, 10, 16, 20, 25, 32, 40
- ◆ Rated residual operating current $I_{\Delta n}$ (mA): 30
- ◆ Tripping duration: instantaneous tripping $\leq 0.1s$
- ◆ Electro-mechanical endurance: 4000 cycles
- ◆ Connection capacity: Rigid conductor 25mm²
- ◆ Circumstance temperature -5°C~+40°C , average temperature not exceeding 35°C
- ◆ Altitude above sea level less than 2000 m
- ◆ Humidity not exceeding 50% at 40°C and not exceeding 90% at 25°C.
- ◆ Connection terminal:
 - ◇ Pillar terminal with clamp
 - ◆ Fastening torque: 2.5Nm
- ◆ Installation:
 - ◇ On symmetrical DIN rail 35mm
 - ◇ Panel mounting