RESIDUAL CURRENT CIRCUIT BREAKER WITH OVERCURRENT PROTECTION
BHA-B Series | 6kA/10kA

Applications :

Application to the residual, industrial, and commercial power distribution systems, provide circuit-control and protection on equipment against any impacts of overload and short-circuit.

Type designation :

BHA-B	3	2	C	32
↓	↓	↓	↓	↓

Type	Rated short-circuit breaking capacity (kA) / Rated voltage (V)	Number of poles (P)	Tripping characteristics	Rated current In (A)
BHA-B	3: 6kA ; 4:10kA 240/415V	1, 2, 3, 4	B type: 3~5In C type: 5~10In D type: 10~15In	1, 2, 3, 4, 5, 6, 10, 16, 20, 25, 32, 40, 50, 63

Standard : IEC 60898/ IEC 60947-2

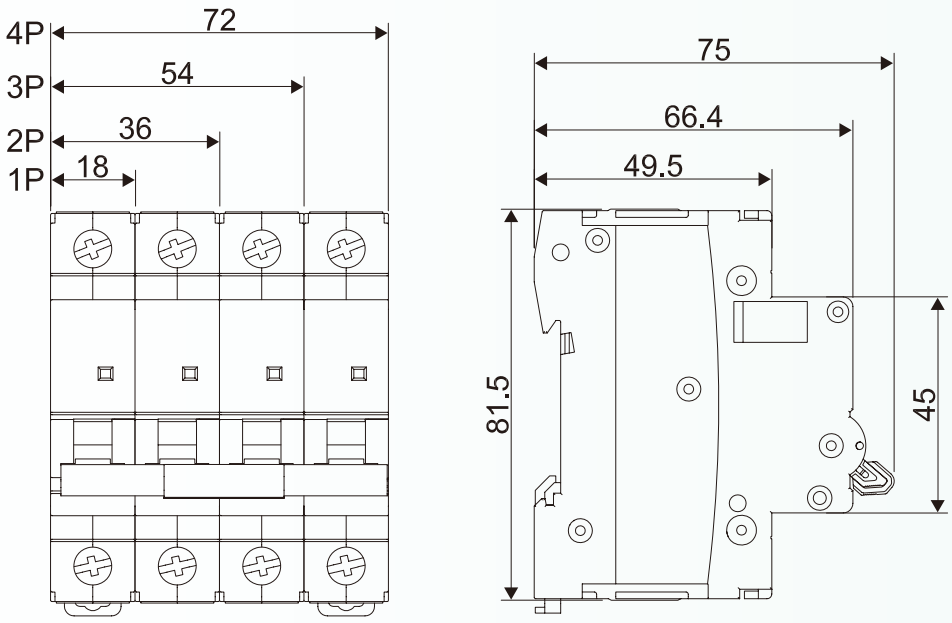
Technical specification :

- Rated voltage : AC 240/415V
- Rated current : 1~63A
- Rated short-circuit breaking capacity : 6,000/10,000A
- Tripping characteristics :
  B type : 3~5In
  C type : 5~10In
  D type : 10~15In
- Mechanical life : 20,000 operations
- Wiring capabilities : Stranded wire-16mm^2 / Rigid wire-25mm^2
- Ambient temperature : -5°C~+40°C

Features :

- Provide circuit protections – Good choice for overload and short-circuit protections.
- Complete accessories available – shunt trip(SHT), under-voltage trip(UVT), over-voltage trip(OVT), auxiliary switch(AX), alarm switch(AL).
- Easy installation – Modularized structure design can be tool-free installed on standard DIN-rail TH35mm.
- Displays On or Off – Easily understand the breaker condition.

Dimension :



Accessories :

Features :

- Tool-free, left-mounted on the MCBs.
- Maximum of 3 accessories can be installed on to a single circuit breaker at once.
- Maximum of 2 auxiliary switch (AX) can be installed on to a single circuit breaker at once.

Type designation :

BHK

•Accessories

BHK	–	B10
↓		↓

Type	Accessory Code				
	B10	B20	B30	B40	B50
BHK	AL	AX	SHT	UVT	OVT

Note: 1. AL/AX can only be installed on the left side of SHT/UVT

Type	Auxiliary Contact AC/12	Width (mm)	Product Code
AL Alarm Switch	AC415V 3A AC240V 6A DC130V 1A DC48V 2A DC24V 6A	9	BHK-B10
AX Auxiliary Contact	AC415V 3A AC240V 6A DC130V 1A DC48V 2A DC24V 6A	9	BHK-B20

Type	Control Voltage		Control Voltage	Width	Product Code
	V AC	V DC	AC/12	(mm)	
SHT Shunt Trip	24~48 110~415	24~48 110~415	AC 24~48V DC 24~48V AC/DC 110~415V	18	BHK-B30
UVT Under Voltage Trip	230	48	<170V±5%	18	BHK-B40

Type	Rated Voltage	Current	Over voltage Range	Trip time	Width (mm)	Product Code
OVT Over Voltage Trip	230V	10mA	275V±5%	< 0.1S	18	BHK-B50