

## MINIATURE CIRCUIT BREAKERS

# DIN Series

### Features


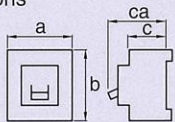
- (1) Fully comply with IEC regulations
- (2) Can be mounted on a standard IEC 35mm rail
- (3) Compliance with IP2X protection rating (front surface)
- (4) Compatible with reverse connection

### Technical Specifications

Ambient temperature range	-10 to +40°C
Frequency	50/60Hz



### Specifications

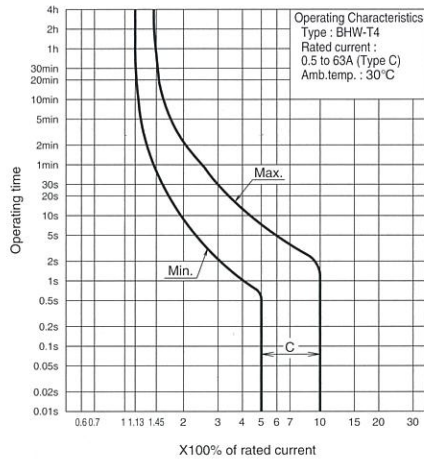
Type		MCB BHW-T4					
Image							
No. of poles [P]		1	1+N <sup>*1</sup>	2	3	3+N <sup>*1</sup>	4
Instantaneous tripping		Type C <sup>*2</sup>					
Rated insulation voltage $U_i$ [V]		660					
Rated current $I_n$ [A] at ambient temperature 30°C		0.5, 1, 2, 3, 4, 5, 6, 10, 16, 20, 25, 32, 40, 50, 63					
Rated short-circuit capacity [kA]	IEC/EN 60898-1 (Icn)	AC	230V	4.5			
			230/400V	4.5	–	4.5	
			400V	–	4.5		
Number of operating cycles		Without current	4,000				
		With current	4,000				
Dimensions [mm] 		a	18	36	54	72	
		b	92.6				
		c	44				
		ca	Max. 73.5				
		Type of overcurrent release	Thermal-magnetic				
Mounting		IEC 35mm rail					
Applicable wire size		1 to 25mm <sup>2</sup>					
Mass [kg]		0.13	0.25	0.26	0.39	0.51	0.52
Terminal connection		Solderless					
Based on standard		IEC 60898-1					

\*1: N pole is a switched neutral pole (without overcurrent release device).

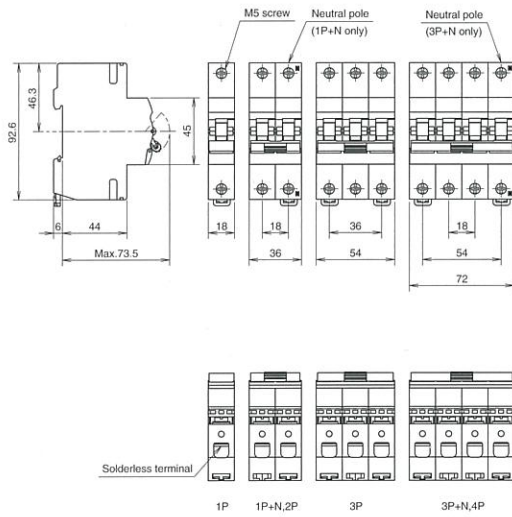
\*2: Type C: ( $5 I_n < I_{cs} \leq 10 I_n$ )

\*3: In case of installing breakers side by side, reduce the passing current to under 80% of the rated current.

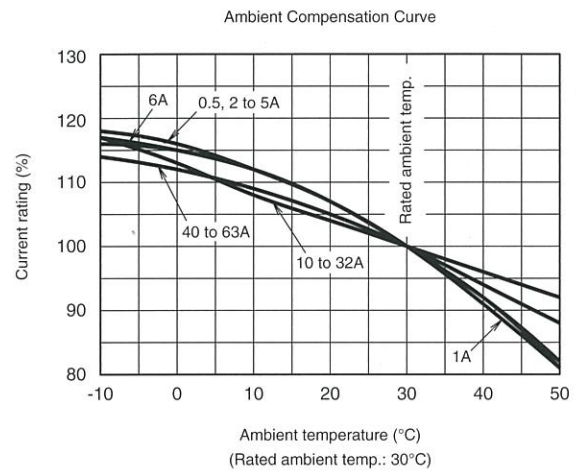
## ■ Operating Characteristics



## ■ Outer Dimensions



## ■ Ambient Compensation Curve



\* In case of installing breakers side by side, reduce the passing current to under 80% of the rated current.

## Ordering Information

Please specify items with

Type name	Number of poles	Operating characteristics	Rated current	Quantity
BHW-T4	1P	Type C	16A	12
BHW-T4	1P, 1P+N, 2P, 3P, 3P+N, 4P		0.5, 1, 2, 3, 4, 5, 6, 10, 16, 20, 25, 32, 40, 50, 63A	

**For Safety :** Please read the instruction manual carefully before using the products in this catalog. Wiring and connection must be done by the person have a specialized knowledge of electric construction and wiring.

**MITSUBISHI ELECTRIC CORPORATION**

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