



### ■ Features

- Standard type
- Dual PE system
- Compact, space saving
- Light weight
- Low cost

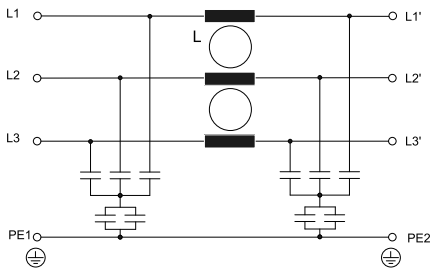
### ■ Typical Applications

- General purpose
- Industrial equipment
- Motor drive equipments
- AVR, UPS, Inverter, Converter
- Factory automation equipment
- Three-phase electricity supply
- ACB Panel, distribution Panel

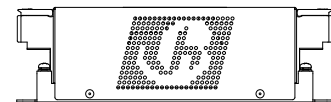
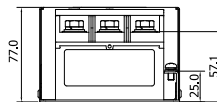
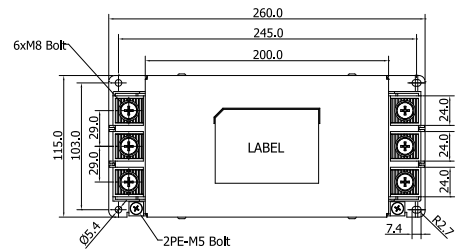
### ■ Technical specifications

Items	BTH-5060-SD	BTH-5080-SD	BTH-5100-SD	BTH-5120-SD	BTH-5150-SD	BTH-5200-SD
Rated Voltage (V <sub>R</sub> )	3Ø, 500Vac (450Vac when use Opt.01)					
Operating frequency	50 / 60Hz					
Rated Currents @40°C (I <sub>R</sub> )	60A	80A	100A	120A	150A	200A
Withstanding voltage test	Line to Earth : 2,828Vdc for 1min. or 3,650Vdc for 2sec. ( BHSTD-QUA-Q201 )					
Insulation resistance	500Vdc for 1min. 300MΩ Min. ( BHSTD-QUA-Q202 )					
Leakage current	4.5mA Max. at rated voltage ( BHSTD-QUA-Q203 )					
Voltage drop	1.0V Max. ( BHSTD-QUA-Q204 )					
Temperature range	25/100/21 (-25°C to +100°C), 20~95% RH at Operating & Storage					
Designed according to	IEC/EN 60939 / UL1283 / CSA 22.2 No.8					
Weight [kg] (Max.)	2.80	2.86	2.90	2.80	2.89	2.99

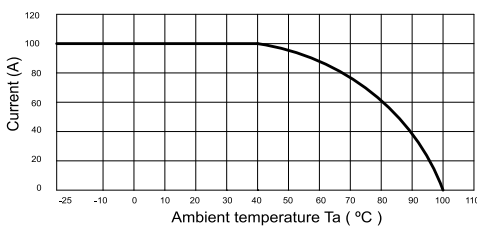
### ■ Circuit Diagram



### ■ Shape & Dimension (mm)



### ■ Derating Curve



### ■ Lug ring terminal



### ■ Recommended torque

8.9 ~ 10.8 N · m