



■ Features

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

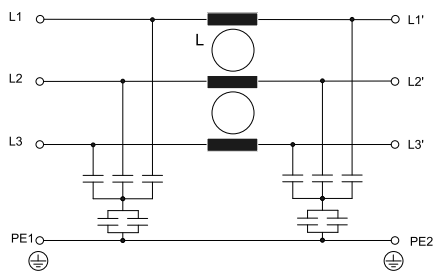
■ Typical Applications

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

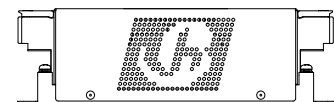
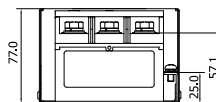
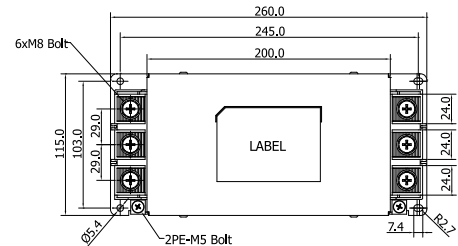
■ Technical specifications

| Items | BTH-5060-EC | BTH-5080-EC | BTH-5100-EC | BTH-5120-EC | BTH-5150-EC | BTH-5200-EC |
|--|---|-------------|-------------|-------------|-------------|-------------|
| Rated Voltage (V _R) | 3 ϕ , 500Vac (450Vac when use Opt.01) | | | | | |
| Operating frequency | 50 / 60Hz | | | | | |
| Rated Currents @40°C (I _R) | 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. 300M Ω Min. (BHSTD-QUA-Q202) | | | | | |
| Leakage current | 2.3mA 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.) | 2.77 | 2.81 | 2.84 | 2.75 | 2.80 | 2.84 |

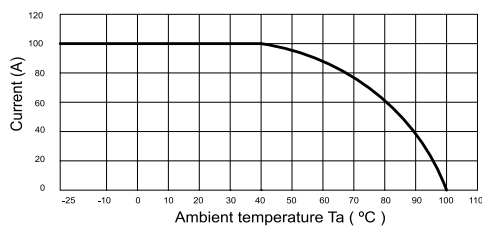
■ Circuit Diagram



■ Shape & Dimension (mm)



■ Derating Curve



■ Lug ring terminal



■ Recommended torque

8.9 ~ 10.8 N · m