

## 3Ø, 500Vac (6/10/16/20/30A) : 삼상 교류 500V 경제형 BTL-5\*\*\*-EC Series (Economic type)



### ■ Features

- Economic type
- Multi mount structure
- Dual PE system
- Light weight
- Low cost
- DIN Rail available

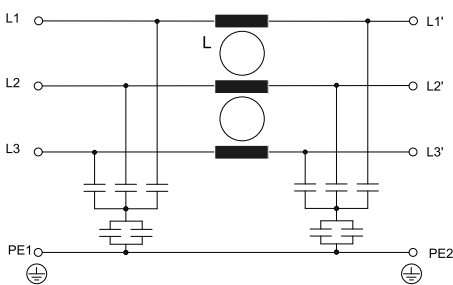
### ■ Typical Applications

- General purpose
- Automation equipments
- Motor drive equipments
- AVR, UPS, Inverter, Converter
- Semiconductor manufacturing equipment

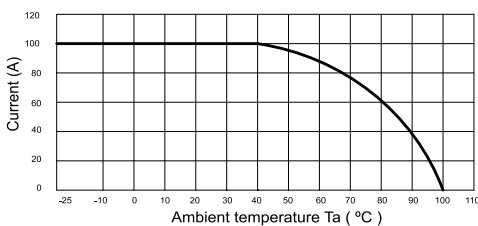
### ■ Technical specifications

Items	BTL-5006-EC	BTL-5010-EC	BTL-5016-EC	BTL-5020-EC	BTL-5030-EC
Rated Voltage (V <sub>R</sub> )	3Ø, 500Vac				
Operating frequency	50 / 60Hz				
Rated Currents @40°C (I <sub>R</sub> )	6A	10A	16A	20A	30A
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 [g] (Max.)	515	500	525	510	505

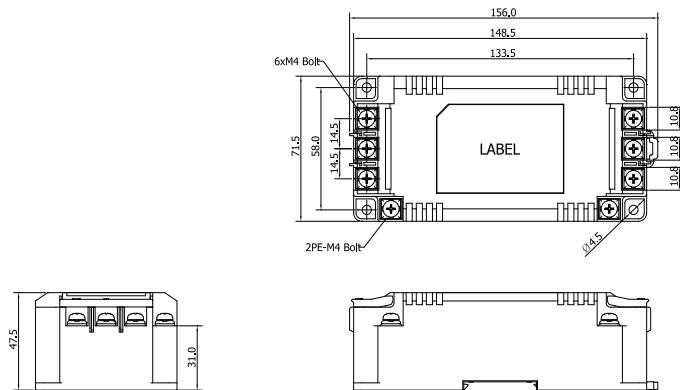
### ■ Circuit Diagram



### ■ Derating Curve



### ■ Shape & Dimension (mm)



### ■ Lug ring terminal



### ■ Recommended torque

1.2 ~ 1.4 N · m