



■ Features

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

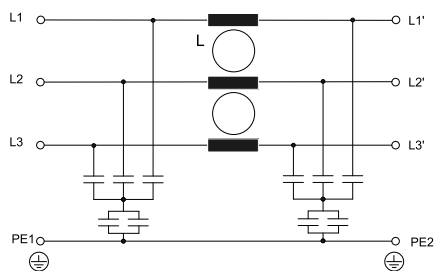
■ Typical Applications

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

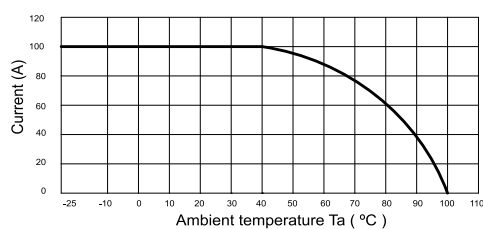
■ Technical specifications

Items	BTM-5030-EC	BTM-5040-EC	BTM-5050-EC	BTM-5060-EC
Rated Voltage (V _R)	3Ø, 500Vac			
Operating frequency	50 / 60Hz			
Rated Currents @40°C (I _R)	30A	40A	50A	60A
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	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.)	1.30	1.22	1.31	1.26

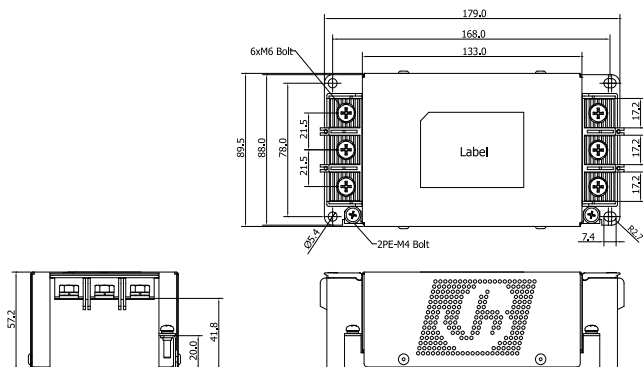
■ Circuit Diagram



■ Derating Curve



■ Shape & Dimension (mm)



■ Lug ring terminal



■ Recommended torque

4.0 ~ 4.9 N · m