

INTRODUCING 3-PHASE BCF POWER LINE FILTERS

- **Save space and reduce EMI noise with a compact design**
- **Save time and help ease termination with threaded terminals**



TE Connectivity (TE) introduces the new BCF series power line filters with threaded stud terminals. Previously available in terminal block terminations only, the new low-weight BCF series is a 3-phase Delta EMI filter with threaded terminals for easy termination to cables with ring terminals. These new filters are used to reduce noise emissions typically associated with variable speed motors used in process automation equipment, elevators and alternative energy applications.

BENEFITS

- Save space and reduce EMI noise emissions typically associated with variable speed motors
- Save time and help ease termination with threaded terminals
- Enhance design with light weight and compact filter construction
- Obtain higher power efficiency at frequencies below 100kHz
- Ensure design flexibility by allowing wires to be terminated at a variety of angles, significantly improving the filters ability to be used in groups or confined spaces
- Help save transportation costs with a low weight product

APPLICATIONS

- Process automation equipment
- 3-phase inverters
- Variable speed motors

MECHANICAL

- Operating ambient temperature range (at rated current I_r): from -10°C to $+50^{\circ}\text{C}$
- In an ambient temperature (T_a) higher than $+50^{\circ}\text{C}$

ELECTRICAL

- 9 versions ranging from 7A to 180A
- 480 VAC phase to phase rated voltage
- 277 VAC phase to ground

STANDARDS & SPECIFICATIONS

- UL, CSA and VDE.

LEARN MORE

[CORCOM Product Guide BCF Series](#)

[3-Phase Filters overview](#)

[CORCOM High Current AC Power Line Filters](#)

[CORCOM EMI/RFI Filters Flyer](#)

[EMI/RFI Filter Product Catalog](#)

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