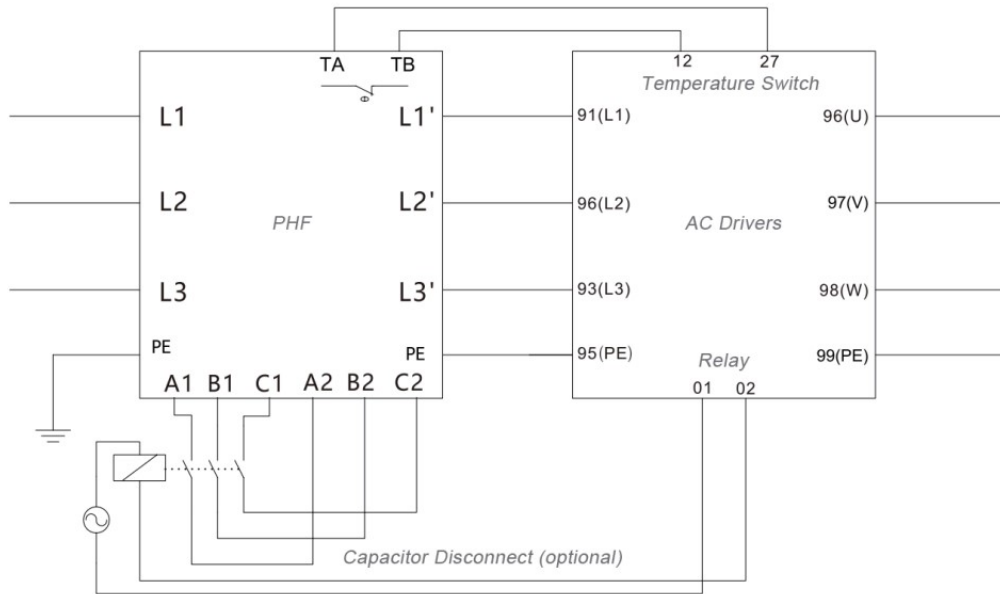


# DAQI® Passive Harmonic Filter Data sheet

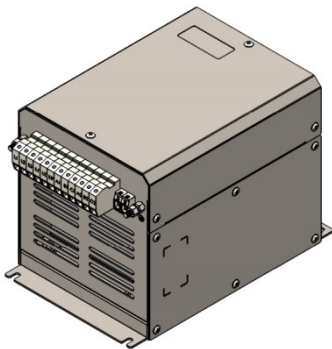
Compatible design with Danfoss VLT® Series Drivers.

Customized service is available.

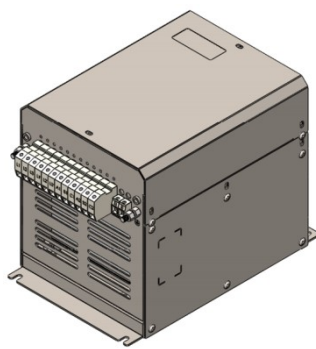
## 1. Electrical Circuit Design



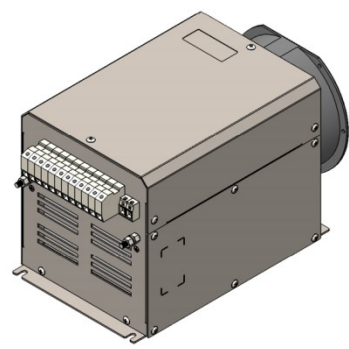
## 2. Structure Design



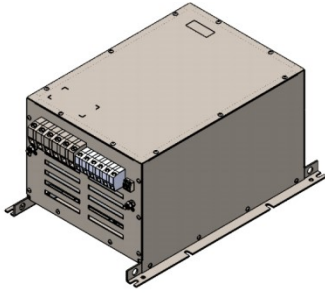
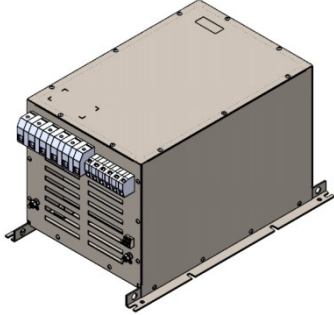
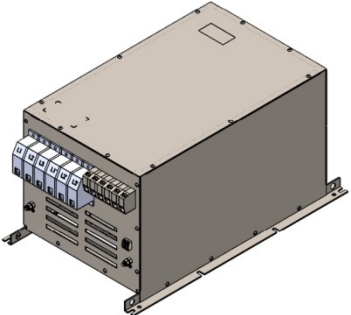
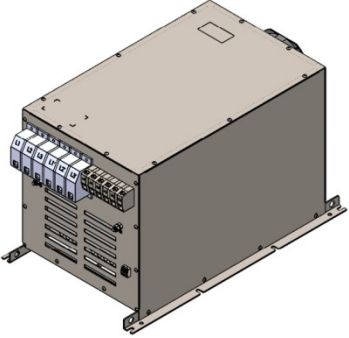
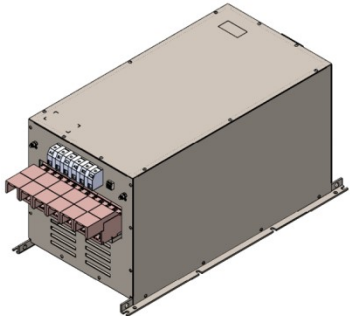
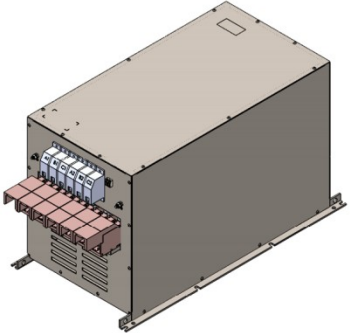
1.5A-2.2A



3.7A-5.5A



7.5-15A

		
18.5A-30A	37A-45A	55A-75A
		
90A-110A	132A-160A	185A-250A

### 3. Electrical Installation Guide

The device contains the following terminals:

[L1, L2, L3] – Input terminals for main power supply.

[L1', L2', L3'] – Output terminals for inverter.

[PE] – Protecting Earthing.

### 4. Electrical Specifications

Rated Voltage:

- ✧ 380-415V 50/60HZ AC Three Phase
- ✧ 440-480V 60HZ AC Three Phase
- ✧ 600V 60HZ AC Three Phase
- ✧ 500-690V 50HZ AC Three Phase

Protection:	IP20
Temperature protection:	140°C
THDi:	THDi<5% (100% load); THDi<6% (70% load); THDi<7% (40% load);
Efficiency:	>98.5% (100% load)
Ambient temperature:	45°C without derating
Cooling:	In-built Air cooling.

## 5. Standards

- ✧ IEEE 519
- ✧ IEC61000-3-2(up to 16 A)
- ✧ IEC61000-3-12 (between 16 and 75 A)
- ✧ IEC61000-3-4 (above 75 A)

## 6. Dimensions

X1	347mm*190mm*206mm (H*W*D)
X2	451mm*230mm*248mm (H*W*D)
X3	605mm*378mm*242mm (H*W*D)
X4	634mm*378mm*333mm (H*W*D)
X5	747mm*418mm*333mm (H*W*D)
X6	778mm*418mm*400mm (H*W*D)
X7	900mm*468mm*450mm (H*W*D)
X8	900mm*468mm*515mm (H*W*D)

# DAQI® Products Series

- Sine Wave Filter
- Passive Harmonic Filter
- EMC Filter
- Reactors
- Transformers
- Load Banks
- Active Filter

## Contact Us



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