FN5040HV-28-84 ✔ ACTIVE

Schaffner | Schaffner FN5040HV

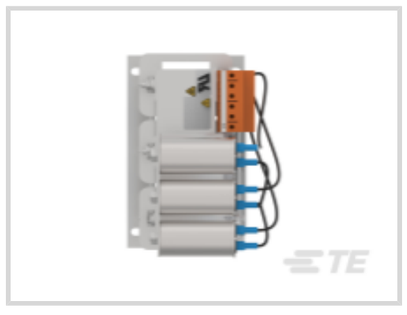
TE Internal #: 811098-SF

Sine Wave Filter, 690 VAC, 28 A, IP00, PD2 Pollution Degree, Floor Mount, Sinusoidal Current & Voltage <5% Ripple, Schaffner FN5040HV, Output Filters

View on TE.com >

EMI & EMC Solutions > Power Quality > Output Filters > Sine Wave Filter – LC Filter for 600 VAC and 690 VAC Motor Drive Applications







Output Filter Type: **Sine Wave Filter**

Operating Voltage (Max): **690 VAC**

Current Rating (Max): **28 A**

Pollution Degree: **PD2**

IP Rating: **IP00**

All Sine Wave Filter – LC Filter for 600 VAC and 690 VAC Motor Drive Applications (14)

Features

Product Type Features

Output Filter Type	Sine Wave Filter

Electrical Characteristics

Typical Power Loss	280 W
Short Circuit Current Rating	100 kA
Operating Voltage (Max)	690 VAC
Current Rating (Max)	28 A

Body Features

Product Weight	25.4 kg[55.997 lb]

Mechanical Attachment

Product Mount Type	Floor Mount

Dimensions

Product Width	165 mm[6.49 in]

Product Length	225 mm[8.85 in]
Product Height	375 mm[14.76 in]

Usage Conditions

Motor Cable Length (Max)	2000 m[6561.68 ft]

Operation/Application

Operating Altitude (Max)	2000 m
Level of Output Filtering	Sinusoidal Current & Voltage <5% Ripple
Motor Frequency	200 Hz

Industry Standards

Pollution Degree	PD2
IP Rating	IP00
UL Flammability Rating	UL 94V-2

Product Compliance

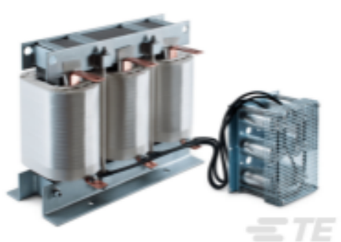
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not reviewed for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked.Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Part # CAT-PE4-F5040HV
Sine Wave Filter – LC Filter for 600 VAC and 690 VAC Motor Drive Applications

Also in the Series | Schaffner FN5040HV

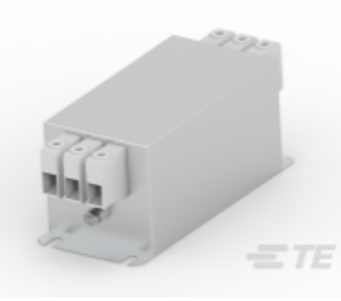


Output Filters(14)



Sine Wave Filters(14)

Customers Also Bought



TE Part #806167-SF
FN3270H-35-33



TE Part #215083-6
MICRO-MATCH MOW.06P



TE Part #CAT-T4827-T273
TIMER, RECEPTACLE AND TAB



TE Part #CAT-T4827-CH8172
Timer Connector Housing



TE Part #1-1337452-0
BNC Ins BHSkt 50Ohm Nickel Gol

Documents

Datasheets & Catalog Pages

Sine Wave Filters FN5040HV

English

Agency Approvals

UKCA_FN504x

English