



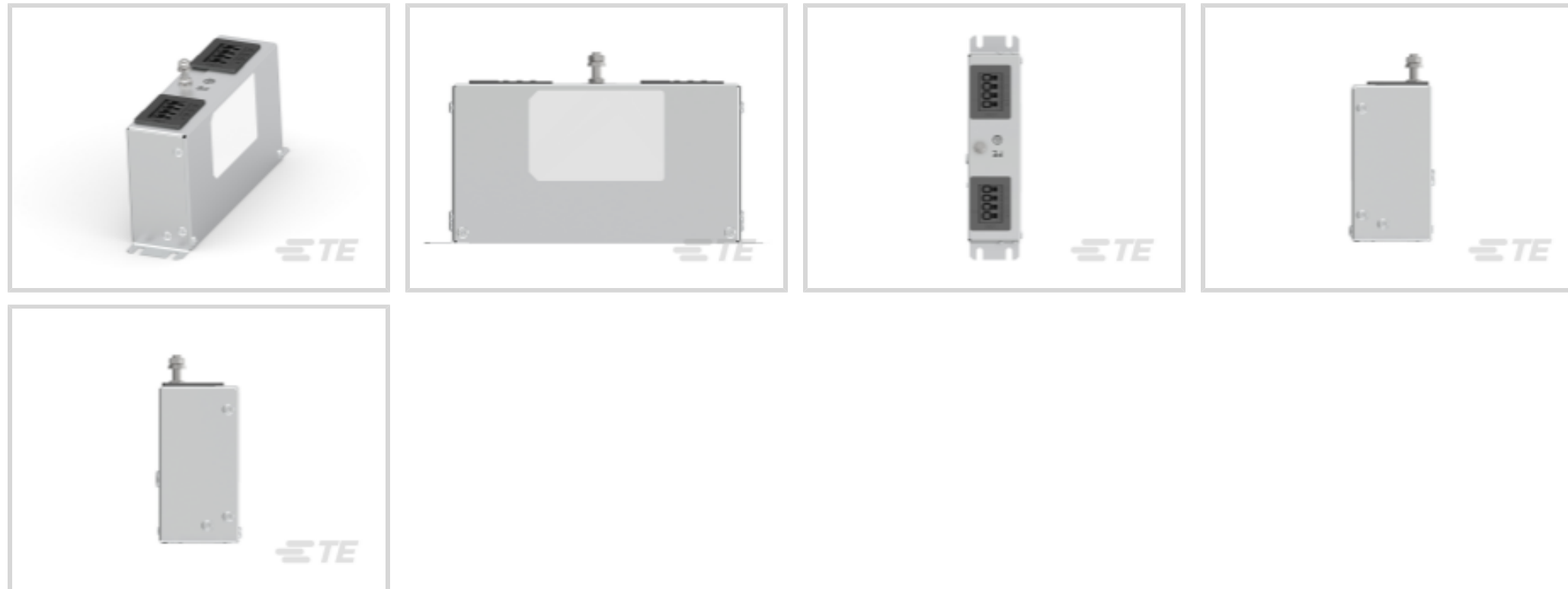
Schaffner | Schaffner FN3297

TE Internal #: 823748-SF

8 A 3-Phase Filter, Push-In Terminal Input, Push-In Terminal Output,
WYE (4 wire + ground), 305 VAC / 530 VAC, Chassis Mount,
Schaffner FN3297

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EMI & EMC Solutions > EMC Filters > Power Line Filters > 3-Phase Filters > SCHAFFNER FN3297 3-PHASE+N FILTER SERIES



Current Rating: **8 A**

Input Termination Type: **Push-In Terminal**

Output Termination Type: **Push-In Terminal**

Wiring Configuration: **WYE (4 wire + ground)**

Operating Voltage: **305 VAC, 530 VAC**

[All SCHAFFNER FN3297 3-PHASE+N FILTER SERIES \(8\)](#)

Features

Product Type Features

| | |
|-------------------------|------------------|
| Filtering Requirements | Filtered |
| Input Termination Type | Push-In Terminal |
| Output Termination Type | Push-In Terminal |

Configuration Features

| | |
|----------------------|-----------------------|
| Wiring Configuration | WYE (4 wire + ground) |
|----------------------|-----------------------|

Electrical Characteristics

| | |
|--------------------------------------|--------------|
| Capacitance Cy2 | 100 |
| Inductance L1 | 1210 μ H |
| Capacitance Cx1 | 3.3 |
| Capacitance Cx2 | 3.3 |
| Leakage Current (Max) (250VAC, 50Hz) | .314 mA |
| Overvoltage Category | III |



| | |
|------------------------------|------------------|
| Short Circuit Current Rating | 100 kA |
| Current Rating | 8 A |
| Operating Voltage | 305 VAC, 530 VAC |

Body Features

| | |
|----------------|-----------------|
| Product Weight | .7 kg[1.544 lb] |
|----------------|-----------------|

Mechanical Attachment

| | |
|--------------------|---------------|
| Product Mount Type | Chassis Mount |
|--------------------|---------------|

Dimensions

| | |
|----------------|------------------|
| Product Width | 45 mm[1.771 in] |
| Product Length | 160 mm[6.299 in] |
| Product Height | 90 mm[3.543 in] |

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Operating Temperature Range | -40 – 100 °C[-40 – 212 °F] |
|-----------------------------|----------------------------|

Operation/Application

| | |
|------------------------------------|--------------------|
| Cooling Method | Natural Convection |
| Operating Altitude (Max) | 2000 m[6561.68 ft] |
| Operating Frequency of Application | 50, 60 |

Industry Standards

| | |
|------------------------|--|
| IP Rating | IP20 |
| UL Flammability Rating | UL 94V-0 |
| Pollution Degree | PD2 |
| Certified To | CSA 22.2 No. 8-13, IEC 60204-1, IEC 60335-1, IEC 60335-2-40, IEC 60939-3, UL 60939-3 |

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-PA0-F3297
SCHAFFNER FN3297 3-PHASE+N FILTER SERIES

TE Part # CAT-P99-F3256
3-Phase Filters, Compact Line Filter for Industrial Equipment

TE Part # CAT-PA0-F3298
SCHAFFNER FN3298 3-PHASE+N FILTER SERIES

Also in the Series | Schaffner FN3297

3-Phase Filters(8)

Documents

[Product Drawings](#)
[FN3297-8-103-C19-R66](#)

English

[CAD Files](#)
[3D PDF](#)



3D

Customer View Model

[ENG_CVM_CVM_823748-SF_B.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_823748-SF_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_823748-SF_B.2d_dxf.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[FN3297_3-PHASE+N_FILTER_SERIES](#)

English

Agency Approvals

[CB SE_116896](#)

English