

FN3298-25-105-C25-R65

✓ ACTIVE

Schaffner | Schaffner FN3298

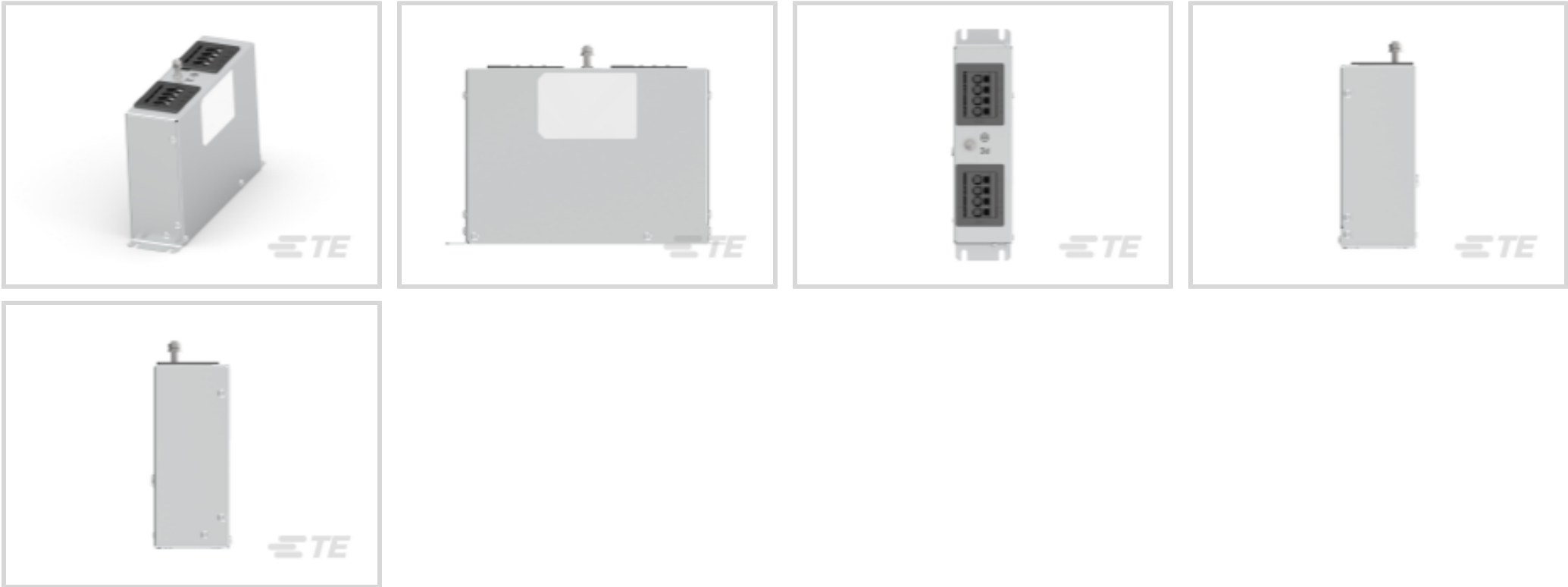
TE Internal #: 823768-SF

25 A 3-Phase Filter, Push-In Terminal Input, Push-In Terminal Output, WYE (4 wire + ground), 305 VAC / 530 VAC, Chassis Mount, Schaffner FN3298

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EMI & EMC Solutions > EMC Filters > Power Line Filters > 3-Phase Filters > SCHAFFNER FN3298 3-PHASE+N FILTER SERIES



Current Rating: 25 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 FN3298 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                      | 1000    |
| Inductance L1                        | 1080 µH |
| Inductance L2                        | 3 µH    |
| Capacitance Cx1                      | 6.8     |
| Capacitance Cx2                      | 3.3     |
| Leakage Current (Max) (250VAC, 50Hz) | 1.57 mA |



|                              |                  |
|------------------------------|------------------|
| Overvoltage Category         | III              |
| Short Circuit Current Rating | 100 kA           |
| Current Rating               | 25 A             |
| Operating Voltage            | 305 VAC, 530 VAC |

Body Features

|                |                   |
|----------------|-------------------|
| Product Weight | 1.37 kg[3.021 lb] |
|----------------|-------------------|

Mechanical Attachment

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

Dimensions

|                |                  |
|----------------|------------------|
| Product Width  | 55 mm[2.165 in]  |
| Product Length | 185 mm[7.283 in] |
| Product Height | 135 mm[5.315 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 with Exemptions                                 |
| EU ELV Directive 2000/53/EC                   | Not Yet Reviewed                                          |
| China RoHS 2 Directive MIIT Order No 32, 2016 | 未针对中国 RoHS 符合性进行审核 Not reviewed for China RoHS compliance |
| 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-PA0-F3298  
SCHAFFNER FN3298 3-PHASE+N  
FILTER SERIES

TE Part # CAT-P99-F3280  
3-Phase Filters, High-End Line Filter  
for Industrial Machinery and  
Equipment

Also in the Series | Schaffner FN3298

3-Phase Filters(8)

Documents

Product Drawings  
FN3298-25-105-C25-R65  
English





CAD Files

Customer View Model

ENG\_CVM\_CVM\_823768-SF\_B.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_823768-SF\_B.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_CVM\_823768-SF\_B.3d\_igs.zip

English

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

Datasheets & Catalog Pages

FN3298\_3-PHASE+N\_FILTER SERIES

English

Agency Approvals

CB SE\_116896

English