

FN3298-16-103-C30-R65

✓ ACTIVE

Schaffner | Schaffner FN3298

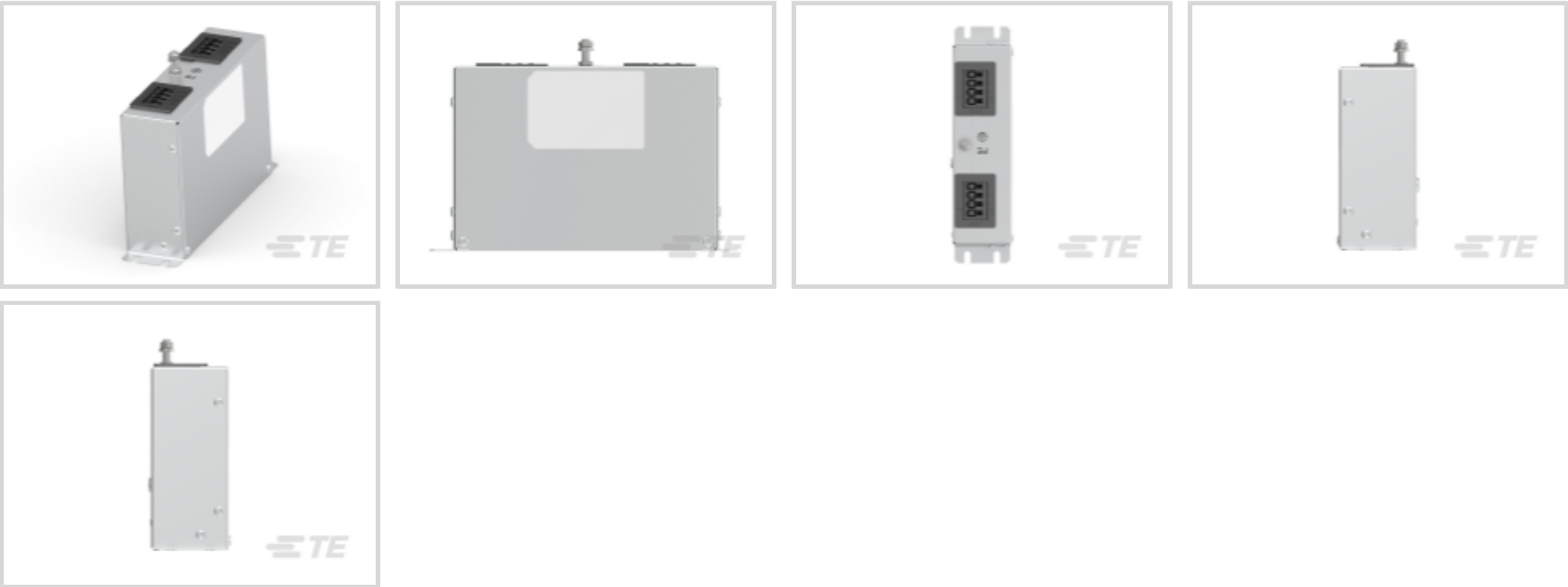
TE Internal #: 823765-SF

16 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: 16 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)
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Electrical Characteristics

Capacitance Cy2	6800
Inductance L1	1250 µH
Inductance L2	3.4 µH
Capacitance Cx1	3.3
Capacitance Cx2	3.3
Leakage Current (Max) (250VAC, 50Hz)	10.7 mA



Overvoltage Category	III
Short Circuit Current Rating	100 kA
Current Rating	16 A
Operating Voltage	305 VAC, 530 VAC

Body Features

Product Weight	1 kg[2.205 lb]
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Mechanical Attachment

Product Mount Type	Chassis Mount
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Dimensions

Product Width	50 mm[1.968 in]
Product Length	170 mm[6.692 in]
Product Height	120 mm[4.724 in]

Usage Conditions

Operating Temperature Range	-40 – 100 °C[-40 – 212 °F]
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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-P99-F3280
3-Phase Filters, High-End Line Filter
for Industrial Machinery and
Equipment



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

Also in the Series | Schaffner FN3298



3-Phase Filters(8)

Documents

Product Drawings
FN3298-16-103-C30-R65
English



CAD Files

Customer View Model

ENG_CVM_CVM_823765-SF_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_823765-SF_B.3d_igs.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_823765-SF_B.3d_stp.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