FN3025HL-50-72 ✔ ACTIVE

Schaffner | Schaffner FN3025

TE Internal #: 802565-SF

50 A 3-Phase Filter, Ring Terminal Input, Ring Terminal Output, Three Phase, 520 VAC, Chassis Mount, Schaffner FN3025

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EMI & EMC Solutions > EMC Filters > Power Line Filters > 3-Phase Filters > 3-Phase Filters, DIN-Rail EMC/RFI Filter with Low Leakage Current







Current Rating: **50 A**

Input Termination Type: **Ring Terminal**

Output Termination Type: **Ring Terminal**

Wiring Configuration: **Three Phase**

Operating Voltage: **520 VAC**

All 3-Phase Filters, DIN-Rail EMC/RFI Filter with Low Leakage Current (10)

Features

Product Type Features

Filtering Requirements	Unfiltered
Input Termination Type	Ring Terminal
Output Termination Type	Ring Terminal

Configuration Features

Wiring Configuration	Three Phase

Electrical Characteristics

Leakage Current (Max) (250VAC, 50Hz)	.1 mA
Overvoltage Category	II
Current Rating	50 A
Operating Voltage	520 VAC

Body Features

Product Weight	930 g[32.8 oz]

Mechanical Attachment

Product Mount Type	Chassis Mount

Dimensions

Product Width	65 mm[2.55 in]
Product Length	177 mm[6.96 in]
Product Height	84 mm[3.3 in]

Usage Conditions

Operating Temperature Range	-25 – 100 °C[-13 – 212 °F]

Operation/Application

Cooling Method	Natural Convection

Industry Standards

IP Rating	IP00
UL Flammability Rating	UL 94V-0
Pollution Degree	PD2
Certified To	CSA 22.2 No. 8 1986, IEC/EN 60939, UL 1283

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-P99-F3026
3-Phase DIN-Rail EMC/RFI Filter with Enhanced Performance



TE Part # CAT-P99-F3025
3-Phase Filters, DIN-Rail EMC/RFI Filter with Low Leakage Current

Also in the Series | Schaffner FN3025



3-Phase Filters(10)

Customers Also Bought



TE Part #802627-SF
FN3025HP-50-72



TE Part #ES13424001
EVSW-26/12.7-3-SP



TE Part #F75818-000
RNF-100-MINI-SPL-1/4-BK



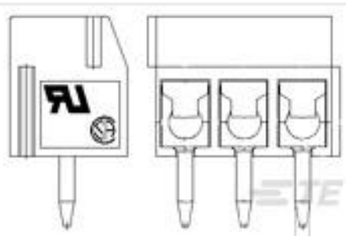
TE Part #90759-1
PROCRIMP TL W/DIE MIN UNIV MNL



TE Part #1-796329-1
23-57 CPC PSTD SKT RECPT LF



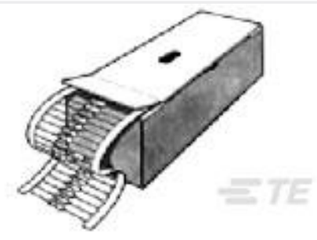
TE Part #4-1393243-3
RT423730



TE Part #1-1776275-0
10P TB ,90deg,VT,3.5mm,Blue,w /interlock



TE Part #1-1879453-4
TE 1000W 12R 5% Bracket



TE Part #2176082-4
EP 3W (S) 33R 5%



TE Part #5053242179
RNF-100-3/4-BK-STK

Documents

Product Drawings

FN3025HL-50-72

English

Datasheets & Catalog Pages

3-Phase Filters FN3025 and FN3026

English

Agency Approvals

UKCA_FN-3ph-60939-3

English