# FN9289E-4-100 ✔ ACTIVE

Schaffner | Schaffner FN9280

TE Internal #: 812262-SF

4 A, Filtered, 180 µA Leakage Current @ 250VAC, 50Hz, Terminal Block, 310 µA Leakage Current @ 120VAC, 60Hz, Schaffner FN9280, Inlet Filters

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EMI & EMC Solutions > IEC Inlets > Inlet Filters > FN9280 Power Entry Module with EMC Filter – Ultra-Compact and Versatile Design







Filtering Requirements: **Filtered**

Current Rating (Max): **4 A**

Output Termination Type: **Terminal Block**

Pollution Degree: **PD2**

IP Rating: **IP40**

All FN9280 Power Entry Module with EMC Filter – Ultra-Compact and Versatile Design (82)

## Features

### Product Type Features

| | |
|---|---|
| Level Of Filtering | Inductor & Capacitor |
| Filter Switch Type | DPST |
| Filtering Requirements | Filtered |
| Output Termination Type | Terminal Block |

### Configuration Features

| | |
|---|---|
| Fuse Options | Dual |

### Electrical Characteristics

| | |
|---|---|
| Capacitance Cy1 | 2.2 |
| Capacitance Cy2 | 2.2 |
| Inductance L1 | 1.7 µH |
| Capacitance Cx1 | 220 |
| Overvoltage Category | II |

| | |
|---|---|
| Current Rating (Max) | 4 A |
| Leakage Current (Max) (120VAC, 60Hz) | 310 µA |
| Leakage Current (Max) (250VAC, 50Hz) | 180 µA |

### Body Features

| | |
|---|---|
| Product Weight | 137 g[4.83 oz] |

### Dimensions

| | |
|---|---|
| Product Width | 49.8 mm[1.96 in] |
| Product Length | 32 mm[1.25 in] |
| Product Height | 55.6 mm[2.18 in] |

### Operation/Application

| | |
|---|---|
| Cooling Method | Natural Convection |

### Industry Standards

| | |
|---|---|
| Certified To | CSA 22.2 No. 8 1986, EN 60320, EN 60601-1, EN 60939, EN 60950, UL 1283, UL 544 |
| Pollution Degree | PD2 |
| IP Rating | IP40 |
| 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)<br>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 # 816597-SF
IL13-US2-SJT-3130-300-S

## Also in the Series | Schaffner FN9280



Inlet Filters(82)



Medical Inlet Filters(82)

## Documents

### CAD Files

Customer View Model

ENG_CVM_CVM_812262-SF_C.3d_stp.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_812262-SF_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_812262-SF_C.2d_dxf.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

### Datasheets & Catalog Pages

Power Entry Module with EMC Filter FN9280

English

## Agency Approvals

CQC14001118736

English