

Applicant	Bel Fuse Inc. 300 Executive Drive, Suite 300 West Orange NJ 07052 United States of America
Manufacturer	Bel Fuse Inc. 300 Executive Drive, Suite 300 West Orange NJ 07052 United States of America
Factory	BPS Asia Pacific Electronics (Shenzhen) Co., Ltd. Building# 6, Nanming Road, Gongming Town Huahong Xintong Industrial Park Guangming District Shenzhen 518108 China
Project Number	PRJ0041656
Product	AC/DC-DC Converter
Model/Type Ref.	PFE3000-12-069RA, PFE3000-S361
Ratings	Input: 100-277 Vac, 17-12.5 A, 50-60 Hz or 240-380 Vdc, 13-9 A

Brandname / Trademark



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Principal Characteristics

May be followed by alpha numeric characters indicating non-safety critical options.

Output: V1*: 12.3 Vdc, 244 A; V2:12Vdc, 5A;
Total maximum power: 3060W, 45°C ambient.

*Note:

V1 output is derated as per the below conditions:
1400 W at 100-200 Vac, 45°C ambient;
1050 W at 100-200 Vac, 55°C ambient;
2250 W at 200-277 Vac/240-380 Vdc, 55°C ambient.

A sample of the product was tested and found to be in conformity with

EN IEC 62368-1:2020;A11

Validity

This certificate documents conformity with the standards shown, and also applies as license for use of Nemko's name and certification mark. The certificate and license is valid as long as the applicable conditions are complied with, and provided that any changes to the product are notified to Nemko for acceptance prior to implementation.

New standards or amendments to the standards may imply that the product design must be updated and/or that re-testing and re-certification is necessary.

Additional Information

Build-in products
Compliance with requirements regarding building-in, protection against electric shock and Electromagnetic Compatibility (EMC) must be checked when the equipment is built-in a completed product or forms a part of a complete system.

Additional model(s)

See next pages

Signature



Jiyea Gim

Certification department

Date of Issue

2023-08-23

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Product AC/DC-DC Converter
Variant 1
Model/Type Ref. PFE3600-12-069RA
Ratings. Input: 100-277 Vac, 20 A, 50/60 Hz or 240-380 Vdc, 20 A
Brandname / Trademark (if different from page 1)
Principal Characteristics May be followed by alpha numeric characters indicating non-safety critical options.

Output: V1*: 12.3 Vdc, 293 A; V2: 12 Vdc, 5 A;
Total maximum power: 3660 W, 45°C ambient.

***Note:**
V1 output is derated as per the below conditions:
1400 W at 100-200 Vac, 45°C ambient;
1050 W at 100-200 Vac, 55°C ambient;
2250 W at 200-277 Vac/240-380 Vdc, 55°C ambient.

Product AC/DC-DC Converter
Variant 2
Model/Type Ref. SPAFFIV-05G
Ratings. Input: 200-277 Vac, 17-12.5 A, 50-60 Hz or 240-380 Vdc, 13-9A
Brandname / Trademark (if different from page 1)
Principal Characteristics May be followed by alpha numeric characters indicating non-safety critical options.

Output: V1*: 12.25 Vdc, 244 A; V2: 12 Vdc, 5 A;
Total maximum power: 3000 W, 45°C ambient.

***Note:**
V1 output is derated as per the below conditions:
2250 W at 200-277 Vac / 240-380 Vdc, 55°C ambient.

Product AC/DC-DC Converter
Variant 3
Model/Type Ref. SPAFFIV-07
Ratings. Input: 200-240 Vac, 17 A, 50/60 Hz or 240-380 Vdc, 13 A
Brandname / Trademark (if different from page 1)
Principal Characteristics May be followed by alpha numeric characters indicating non-safety critical options.

Output: V1*: 12 Vdc, 244 A; V2: 12 Vdc, 5 A;
Total maximum power: 3000 W, 45°C ambient.

***Note:**
V1 output is derated as per the below conditions:
2250 W at 200-240 Vac / 240-380 Vdc, 55°C ambient.

Signature



Jiyea Gim
Certification department

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