


Product	AC/DC-DC, AC-DC, DC-DC Converter
Applicant	Bel Fuse Inc. 206 Van Vorst St. Jersey City, NJ 07302 USA
Manufacturer	Bel Fuse Inc. 206 Van Vorst St. Jersey City, NJ 07302 USA
Factory	BPS Asia Pacific Electronics (Shenzhen) Co., Ltd. Building# 6, Nanming Road, Gongming Town Huahong Xintong Industrial Park, Guangming District, Shenzhen 518108 China
Ratings	AC input: 100-240V ~, 12-7A, 50/60Hz Output: V1: 12.0Vdc, 125A; Vsb: 5 Vdc, 3.3 A / 3.3 Vdc, 5A.
Trade mark	 POWER SOLUTIONS & PROTECTION a bel group
Model / Type Ref.	PFE1500-12-054NA, SPABRCD-14G, SPABRCD-15G, PFE1500-12-054NAC, PFE1500-12-054NAH, PFE1500-12-054RA, PFE1500-12-054RAC, PFE1500-12-054RAH
Principal characteristics	V1 maximum output power de-rated at different input voltages and operating ambient temperatures. See Condition of Acceptability for details. (The model name maybe followed by alpha numeric characters indicating non-safety critical options)
A sample of the product was tested and found to be in conformity with	ITAV EN IEC 62368-1:2020;A11
Validity	This certificate documents conformity with the standards shown, and also applies as license for use of Nemkos 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	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)	(3) See page 2

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Certification Department

**Nemko Group**

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ENTERPRISE NUMBER NO974404532

## Additional model(s)

Product AC/DC-DC, AC-DC, DC-DC Converter  
Pos. No 1  
Model / Type Ref. PPC33 A022, PFE1500-12NAHS412  
Trade mark (if different from page 1)  
Rating

## PC33 A022:

AC input: 100-240V ~, 12-5A, 50/60Hz; DC input: 200-380VDC, 7-4A

## PFE1500-12NAHS412:

AC input: 100-240V ~, 12-7A, 50/60Hz; DC Input: 200-380VDC, 10-5A

PPC33 A022: Output: V1: 12.0Vdc, 70A; Vsb: 5 Vdc, 3.3 A / 3.3 Vdc,

PFE1500-12NAHS412: Output: V1: 12.0 Vdc, 125 A; Vsb: 12.0 Vdc, 3 A

## Principal characteristics

V1 maximum output power de-rated at different input voltages and operating ambient temperatures. See Condition of Acceptability for details.

(The model name maybe followed by alpha numeric characters indicating non-safety critical options)

Product AC/DC-DC, AC-DC, DC-DC Converter  
Pos. No 2  
Model / Type Ref. SPABRCD-16, SPABRCD-17  
Trade mark (if different from page 1)  
Rating

DC Input: 200-380VDC, 10-5A

Output: V1: 12.0Vdc, 125A; Vsb:5 Vdc, 3.3 A / 3.3 Vdc, 5A.

## Principal characteristics

V1 maximum output power de-rated at different input voltages and operating ambient temperatures. See Condition of Acceptability for details.

(The model name maybe followed by alpha numeric characters indicating non-safety critical options)

Product AC/DC-DC, AC-DC, DC-DC Converter  
Pos. No 3  
Model / Type Ref. PFE1500-12NAS412, PFE1500-12NACS412, PFE1500-12-054NACS439  
Trade mark (if different from page 1)  
Rating

PFE1500-12NAS412, PFE1500-12NACS412:

AC input: 100-240V ~, 12-7A, 50/60Hz; DC Input: 200-350VDC, 10-5A

PFE1500-12-054NACS439:

AC input: 100-240V ~, 12-7A, 50/60Hz; DC Input: 200-350VDC, 10-5A

PFE1500-12NAS412, PFE1500-12NACS412:

Output: V1: 12.0 Vdc, 125 A; Vsb: 12.0 Vdc, 3 A

PFE1500-12-054NACS439:

Output: V1: 12.0Vdc, 125A; Vsb: 5 Vdc, 3.3 A / 3.3 Vdc, 5A.

## Principal characteristics

V1 maximum output power de-rated at different input voltages and operating ambient temperatures. See Condition of Acceptability for details.

(The model name maybe followed by alpha numeric characters indicating non-safety critical options)

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