

LV Fuse, 100A, Fast Acting, Current Limiting, Flat Bolt Connection



## FOCP-ACDC-100-FB

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### Features

- High Speed Fusing Characteristics
- High Current Breaking Capacity
- Good Current Limiting Performance
- Utilization Category: aR / aBat
- Flat Bolt Style Mounting
- UL 248-13 Certified

### Applications

- Electric Vehicles
- AC&DC Equipment
- Energy Storage Systems
- Power Conversion Equipment Protection
- Battery Protection
- Medium Frequency Power Supply

### Description

AC/DC power fuse (also known as overcurrent protector) FOC-ACDC-100-FB from Transtector is a UL248-13 tubular style device that utilizes state of the art high speed fusing technology to protect a wide range of applications from physical damage and fire via good current limiting performance and high current breaking capacity. This overcurrent protector offers a Flat Bolt style mounting type for electrical services with up to a 100 A maximum current rating. Transtector AC/DC power fuses are available in stock with same day shipping.

### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Rated Current (In)			100	A
Rated AC Voltage			690	Vac
Rated DC Voltage			500	Vdc
AC Breaking Capacity (I1)			100	kA
DC Breaking Capacity (I1)			50	kA

### Mechanical Specifications

#### Size

Height	0.75 in	[19.05 mm]
Width	0.69 in	[17.53 mm]
Depth	3 in	[76.2 mm]
Weight	0.1 lbs	[45.36 g]

### Environmental Specifications

Temperature Range (Operational)	-40 to +80 deg C
Temperature Range (Storage)	-40 to +80 deg C

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:  
[LV Fuse, 100A, Fast Acting, Current Limiting, Flat Bolt Connection FOC-ACDC-100-FB](#)

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Humidity

95% non-condensing

Altitude

2000m (derate In linearly to 0.85 @ 5000m)

Environmental Specification Notes:

Indoor

## Installation

Mount Type

Flat Bolt

## Compliance Certifications

UL Compliant

Yes

Certifications

UL 248-13

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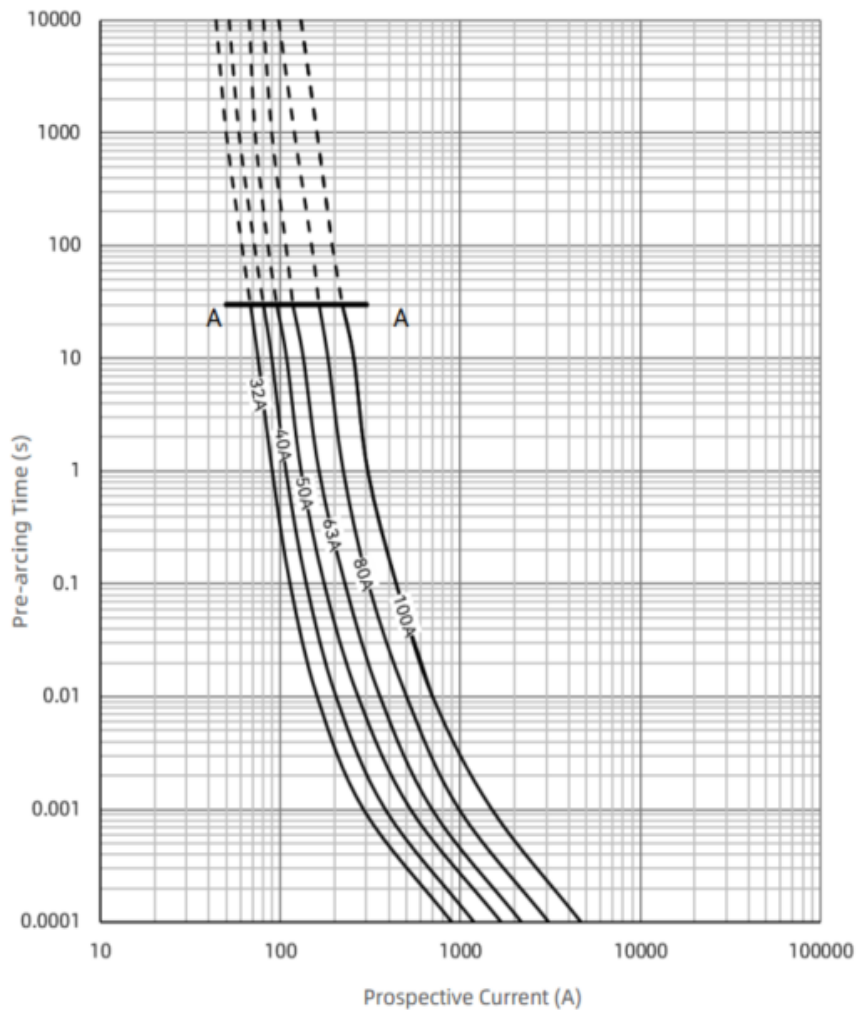
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### Typical Performance Data

Time-Current Characteristics (reference only)



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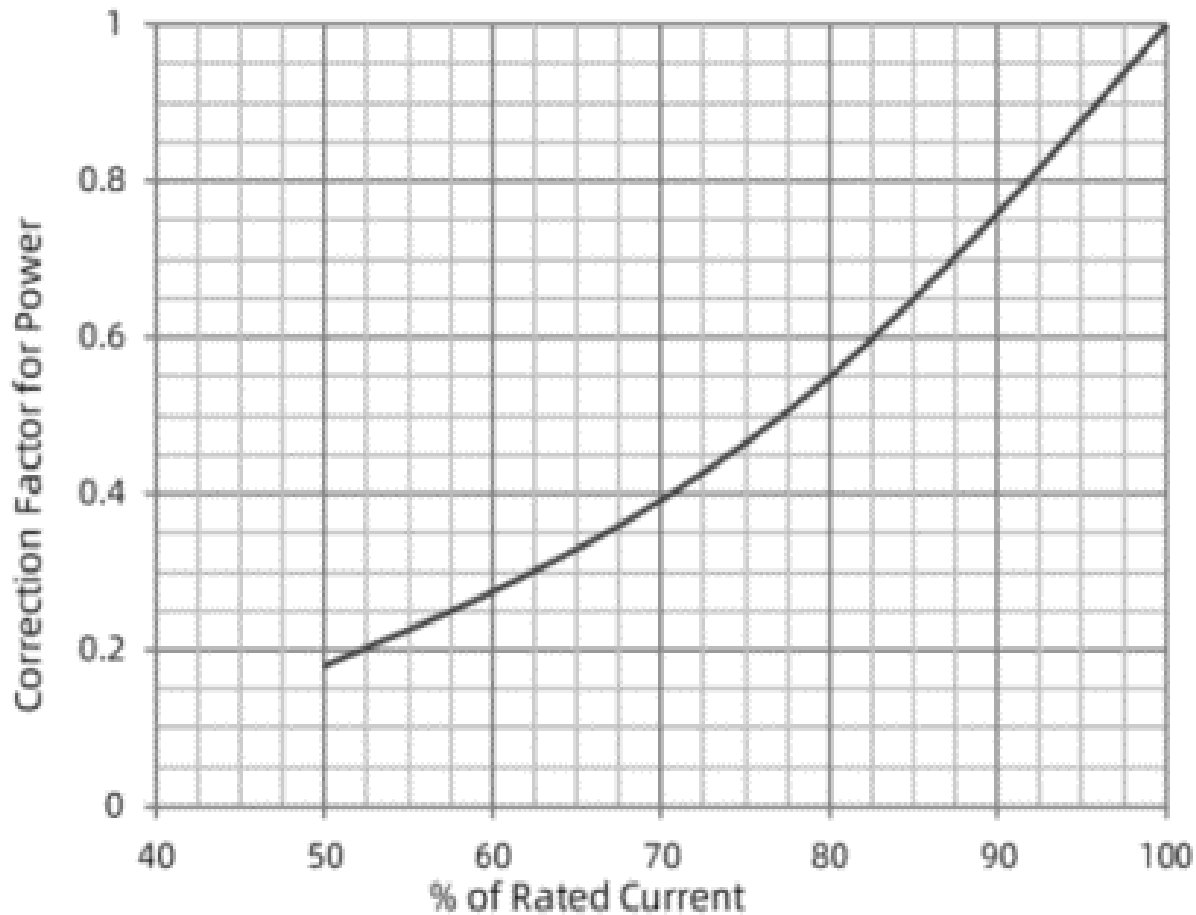
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## Power Dissipation Curve



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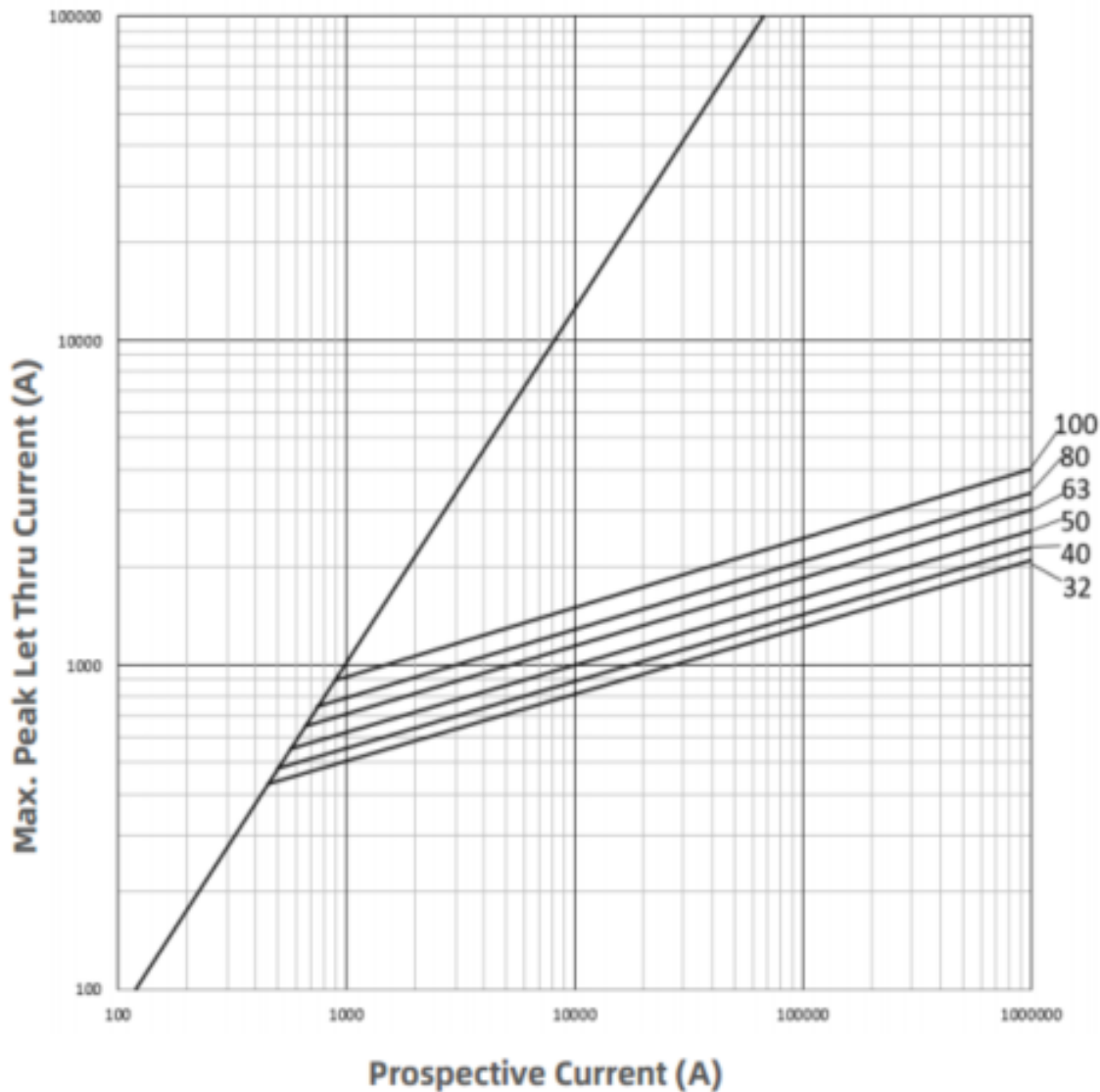
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### Peak Let-Through Current Curve



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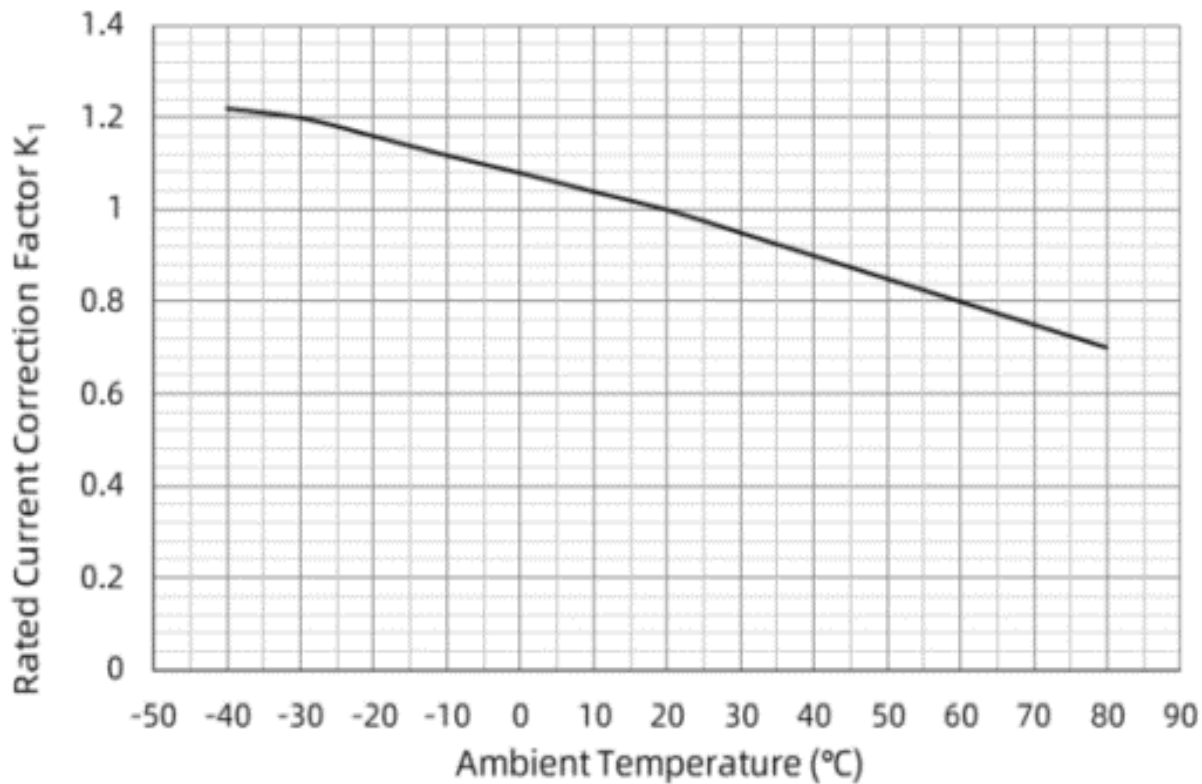
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Ambient Temperature Current Derating Curve



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Transtector Systems specializes in protection of highly sensitive, low voltage equipment through its patented, non-degrading silicon diode technology and custom filters. Our power quality expertise translates into a diverse product offering including AC, DC, and signal applications as well as integrated cabinets, power distribution panels and EMP hardened devices.

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URL: <https://www.transtector.com/focp-acdc-100-fb-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Transtector reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Transtector does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Transtector does not assume any liability arising out of the use of any part or documentation.

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FOCP-ACDC-100-FB CAD Drawing

