

DC AMMETER SHUNTS

FJ SERIES BUSBAR SHUNT

KEY FEATURES

- Current Ratings
1500-6000 Amps
- 50mV, 100mV or custom
output
- $\pm 0.25\%$ Manganin Resistive
Element

TE Connectivity's (TE) Crompton Instruments FJ range of lightweight shunts offers accurate millivolt conversion of primary DC system currents. They can be used to drive indicators, overload protection and control devices in the range of 1500 - 6000 Amps DC.

The FJ range of shunts are supplied without a base.

Ample ventilation should be applied to all applications. Shunts are supplied with bolts, Nuts and Washers to provided suitable installation.

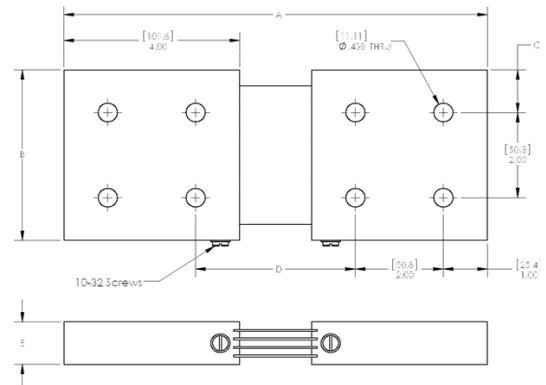
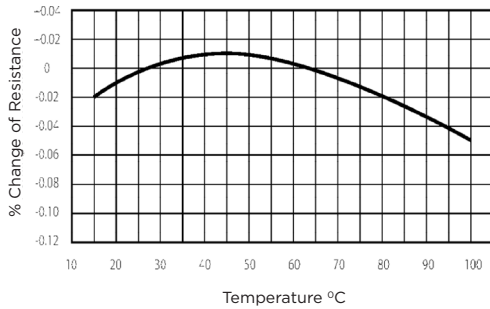
Shunts are supplied without insulation. Protection from accidental contact may be necessary to comply with local Safety Regulations.

Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.

DC AMMETER SHUNTS - FJ SERIES



Manganin Temperature Coefficient of Resistance = 15PPM/C
*Applies to resistance element only



SPECIFICATION AND DIMENSIONS

P/N	Rated Current (A)	Rated Output (mV)	Dim. A	Dim. B	Dim. C	Dim. D	Dim. E
FJ-1500-50	1500	50	9.625 (244.5)	3.0 (76.2)	0.5 (12.7)	3.625 (92.1)	1.0 (25.4)
FJ-2000-50	2000	50	9.625 (244.5)	4.0 (101.6)	1.0 (25.4)	3.625 (92.1)	1.0 (25.4)
FJ-2500-50	2500	50	9.625 (244.5)	4.0 (101.6)	1.0 (25.4)	3.625 (92.1)	1.25 (31.8)
FJ-3000-50	3000	50	9.625 (244.5)	4.0 (101.6)	1.0 (25.4)	3.625 (92.1)	1.5 (38.1)
FJ-4000-50	4000	50	9.625 (244.5)	5.0 (127.0)	1.25 (31.8)	3.625 (92.1)	1.5 (38.1)
FJ-5000-50	5000	50	9.625 (244.5)	5.0 (127.0)	1.25 (31.8)	3.625 (92.1)	1.5 (38.1)
FJ-6000-50	6000	50	9.625 (244.5)	5.0 (127.0)	1.25 (31.8)	3.625 (92.1)	2.0 (50.8)
FJ-1500-100	1500	100	11.250 (285.8)	3.0 (76.2)	0.5 (12.7)	5.25 (133.4)	1.0 (25.4)
FJ-2000-100	2000	100	11.250 (285.8)	4.0 (101.6)	1.0 (25.4)	5.25 (133.4)	1.0 (25.4)

TECHNICAL PARAMETERS

Rated Output	50mV, 100mV & Custom
Voltage Tolerance	±0.25% Standard
Operating Temperature	30°C to 70°C
Storage Temperature	-55°C to 80°C
Materials	Resistance Element: Manganin Terminal Block: Brass Hardware: Brass

ORDERING INFORMATION

Description	Part Number
DC Shunt, 2000A, 50mV	FJ-2000-50
DC Shunt, 1500A, 100mV	FJ-1500-100
Part Description: Part Type - Rated Current - Voltage Output (mV) Example: FJ-2000-50	

te.com/energy

© 2019 TE Connectivity. All Rights Reserved. EPP-3365-DDS-5/19-FJ-DC-AMMETER-SHUNTS-TE

Crompton Instruments, TE Connectivity and TE connectivity (logo) are trademarks. Other logos, product and/or company names might be trademarks of their respective owners. While TE has made every reasonable effort to ensure the accuracy of the information in this brochure, TE does not guarantee that it is error-free, nor does TE make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. TE reserves the right to make any adjustments to the information contained herein at any time without notice. TE expressly disclaims all implied warranties regarding the information contained herein, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose. The dimensions in this catalog are for reference purposes only and are subject to change without notice. Specifications are subject to change without notice. Consult TE for the latest dimensions and design specifications.

FOR MORE INFORMATION: TE Technical Support Centers

USA:	+ 1 800 327 6996
Canada:	+ 1 (905) 475-6222
Mexico:	+ 52 (0) 55-1106-0800
Latin/S. America:	+ 54 (0) 11-4733-2200
France:	+ 33 380 583 200
UK:	+ 44 0870 870 7500
Germany:	+ 49 896 089 903
Spain:	+ 34 916 630 400
Italy:	+ 39 333 250 0915
Benelux:	+ 32 16 508 695
Russia:	+ 7 495-790 790 2-200
China:	+ 86 (0) 400-820-6015