



Switchboard Shunts

FL – Over 10,000 AMPS

GENERAL INFORMATION:

Extending measurement of currents beyond available limits of self-contained DC ammeters

APPLICATIONS:

Panel meters, Switchboard, solar, rail, or other DC applications

CONTINUOUS OPERATION

Recommended that shunts are not run at more than two-thirds (2/3) the rated current under normal conditions as per IEEE standards



Model	FL
Amperes	Over 10,000

MODEL FL – Over 10,000 AMPS

Approximate weight: 0.6 lbs.

50 mV Series

CATALOG NUMBER	INPUT (AMPS)	OUTPUT (mV)	ACCURACY
FL-12000-50	12000	50	± 0.25%
FL-15000-50	15000	50	± 0.25%
FL-18000-50	18000	50	± 0.25%
FL-20000-50	20000	50	± 0.25%
FL-25000-50	25000	50	± 0.25%
FL-30000-50	30000	50	± 0.25%

100 mV Series

CATALOG NUMBER	INPUT (AMPS)	OUTPUT (mV)	ACCURACY
FL-12000-100	12000	100	± 0.25%
FL-15000-100	15000	100	± 0.25%
FL-18000-100	18000	100	± 0.25%
FL-20000-100	20000	100	± 0.25%
FL-25000-100	25000	100	± 0.25%
FL-30000-100	30000	100	± 0.25%

Tolerances ± 0.015 in (0.381 mm) for hole diameters.

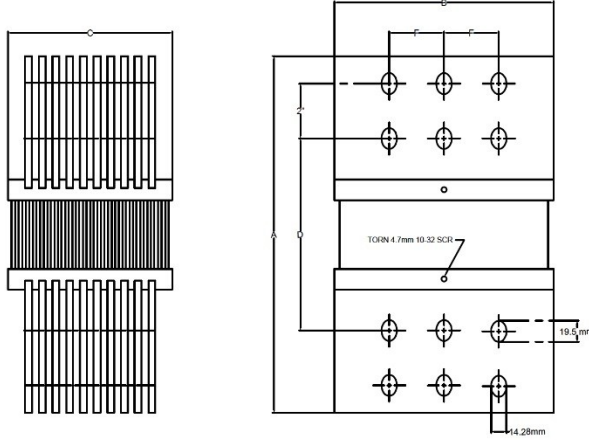
Other tolerances ± 0.030 in (0.762 mm) unless otherwise noted.

Dimensions are subjects to change without notice.



Switchboard Shunts

FL – Over 10,000 AMPS



50mV MODEL TYPE FL OVER 10,000 AMPERES

CATALOG No.	AMP	A		B		C		D		F	H*	J	
		mm	in	mm	in	mm	in	mm	in			mm	in
FL-12000-50	12000	320.68	12 5/8	133.35	5 1/4	152.4	6	168.28	6 5/8	**	9	114.3	4.5
FL-15000-50	15000	330.20	13	203.2	8	152.4	6	177.8	7	50.8 2	9	114.3	4.5
FL-18000-50	18000	330.20	13	203.2	8	152.4	6	177.8	7	50.8 2	10	114.3	4.5
FL-20000-50	20000	330.20	13	203.2	8	177.8	7	177.8	7	50.8 2	10	116.68	4 19/32
FL-25000-50	25000	330.20	13	203.2	8	254	10	177.8	7	50.8 2	18	116.68	4 19/32
FL-30000-50	30000	330.20	13	203.2	8	304.8	12	246.6	9 11/16	50.8 2	22	138.11	5 7/16

100mV MODEL TYPE FL OVER 10,000 AMPERES

CATALOG No.	AMP	A		B		C		D		F	H*	J	
		mm	in	mm	in	mm	in	mm	in			mm	in
FL-12000-100	12000	320.68	12 5/8	133.35	5 1/4	152.4	6	168.28	6 5/8	**	9	114.3	4.5
FL-15000-100	15000	330.20	13	203.2	8	152.4	6	177.8	7	50.8 2	9	114.3	4.5
FL-18000-100	18000	330.20	13	203.2	8	152.4	6	177.8	7	50.8 2	10	114.3	4.5
FL-20000-100	20000	330.20	13	203.2	8	177.8	7	177.8	7	50.8 2	10	116.68	4 19/32
FL-25000-100	25000	330.20	13	203.2	8	254	10	177.8	7	50.8 2	18	116.68	4 19/32
FL-30000-100	30000	330.20	13	203.2	8	304.8	12	246.6	9 11/16	50.8 2	22	138.11	5 7/16

* 9.53 mm (3/8") or 12.7 mm (1/2") terminal blades available.

** Four elongated holes at each end, 50.8 mm (2") on center 14.28 mm (0.562 in) x 19.5 mm (0.750 in)

Tolerances ± 0.015 in (0.381 mm) for hole diameters.
 Other tolerances ± 0.030 in (0.762 mm) unless otherwise noted.
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