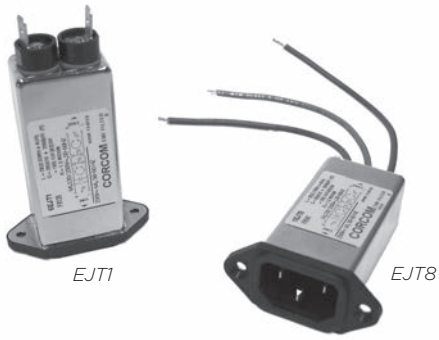
EJT Series

UL Recognized
CSA Certified
VDE Approved*



EJT Series

- Superior EMI filter with IEC 60320-1 inlet
- Double three element differential mode circuit attenuates noise up to 1GHz
- Up to 15A with IEC 60320-1 C14 inlet
- 20A rating with IEC 60320-1 C20 inlet
- Spade terminals or wire leads

Ordering Information

6 EJT 1

- Output Styles
  - 1 – .250 [*6.3*] spade terminals
  - 8 – Wire leads
- EJT Series
- Current Rating
  - 1, 3, 6, 10, 15 or 20A

Available Part Numbers

1EJT1	1EJT8
3EJT1	3EJT8
6EJT1	6EJT8
10EJT1	10EJT8
15EJT1	15EJT8
20EJT1	20EJT8

**15A versions are tested by Underwriters Laboratories to US and Canadian requirements and are VDE approved at 10A, 250VAC.*
20A versions are tested by Underwriters Laboratories to US and Canadian requirements and are VDE approved at 16A, 250VAC.

Specifications

Maximum leakage current each Line to Ground:

	1-15A	20A
@ 120 VAC 60 Hz:	.25 mA	.22 mA
@250 VAC 50 Hz:	.43 mA	.40 mA

Hipot rating (one minute):

Line to Ground:	2250 VDC
Line to Line:	1450 VDC

Rated Voltage (max.): 250 VAC

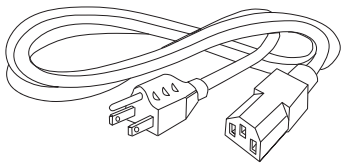
Operating Frequency: 50/60 Hz

Rated Current: 1 to 20A*

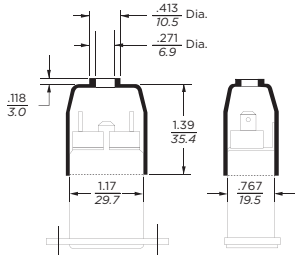
Operating Ambient Temperature Range (at rated current I_r): -10°C to +40°C
In an ambient temperature (T_a) higher than +40°C the maximum operating current (I_o) is calculated as follows: $I_o = I_r \sqrt{(85-Ta)/45}$

Accessories

GA400: NEMA 5-15P to IEC 60320-1 C-13 line cord



FA601: Insulating Shroud *(fits 1-15A only)*



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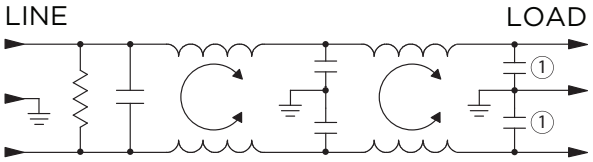
EJT Series

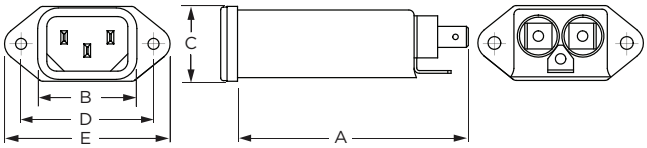
Electrical Schematics



Note 1: 20A versions only

Case Styles

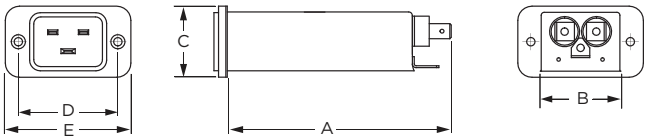
EJT1



Typical Dimensions:

Mounting holes (2):	.132 [*3.35*] Dia. with .236 [*5.99*] Dia. x 90° countersink for #4 flathead screw
Line Inlet (1):	IEC 60320-1 C14
Load Terminals (2):	.250 [*6.3*] with .07 [*1.8*] Dia. hole
Ground Terminal (1):	.250 [*6.3*] with .07 x .16 [*1.8 x 3.8*] slot

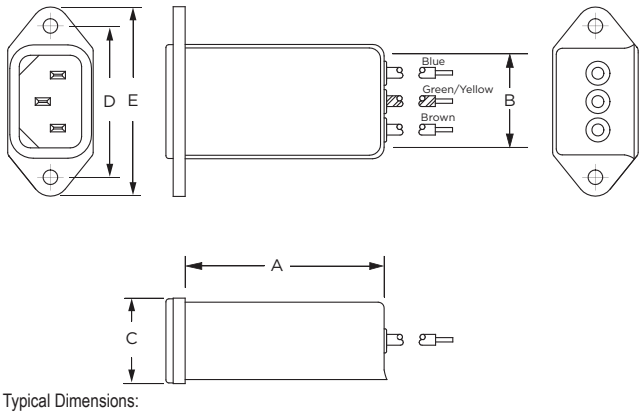
20EJT1



Typical Dimensions:

Mounting holes (2):	.126 [*3.20*] Dia. with .236 [*5.99*] Dia. x 90° countersink for #4 flathead screw
Line Inlet (1):	IEC 60320-1 C20
Load Terminals (2):	.250 [*6.3*] with .07 [*1.8*] Dia. hole
Ground Terminal (1):	.250 [*6.3*] with .07 x .16 [*1.8 x 3.8*] slot

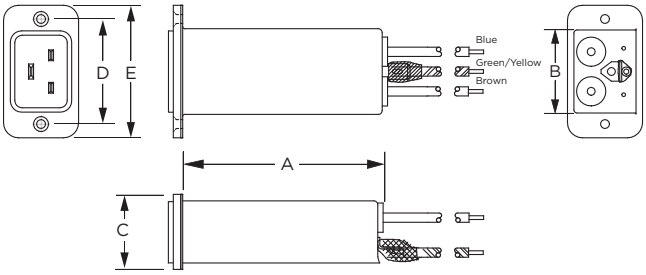
EJT8



Typical Dimensions:

Mounting holes (2):	.132 [*3.35*] Dia. with .236 [*5.99*] Dia. x 90° countersink for #4 flathead screw
Line Inlet (1):	IEC 60320-1 C14
Wire Leads:	4.0 [*101.6*] Min., 18AWG, UL1015

20EJT8



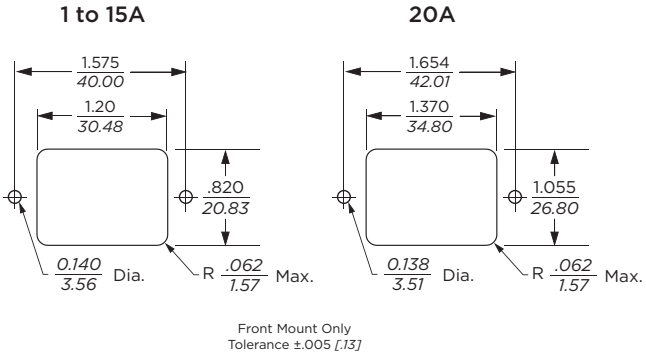
Typical Dimensions:

Mounting holes (2):	.126 [*3.20*] Dia. with .236 [*5.99*] Dia. x 90° countersink for #4 flathead screw
Line Inlet (1):	IEC 60320-1 C20
Wire Leads:	4.0 [*101.6*] Min., 14AWG, UL1015

Case Dimensions

Part No.	A (max.)	B (max.)	C (max.)	D (max.)	E (max.)
EJT1	**2.74**	**1.19**	**0.875**	**1.575**	**1.98**
	69.6	*30.2*	*22.2*	*40.0*	*50.3*
EJT8	**2.1**	**1.19**	**0.875**	**1.575**	**1.98**
	53.3	*30.2*	*22.2*	*40.0*	*50.3*
20EJT1	**3.8**	**1.350**	**1.18**	**1.654**	**2.087**
	96.52	*34.29*	*29.99*	*42.01*	*53.00*
20EJT8	**3.2**	**1.350**	**1.18**	**1.654**	**2.087**
	81.28	*34.29*	*29.99*	*42.01*	*53.00*

Recommended Panel Cutouts



Front Mount Only
Tolerance ±.005 *[.13]*

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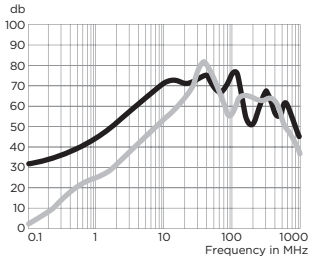
EJT Series

Performance Data

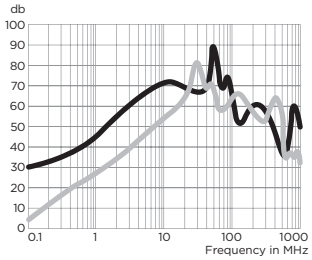
Typical Insertion Loss

Measured in closed 50 Ohm system

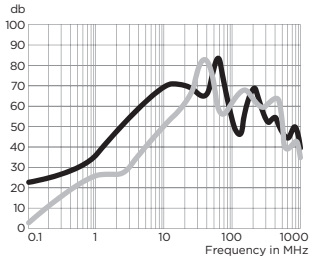
1EJT



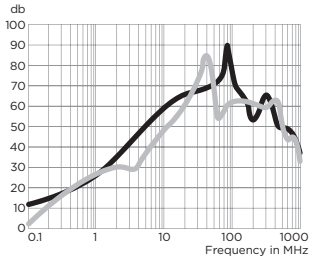
3EJT



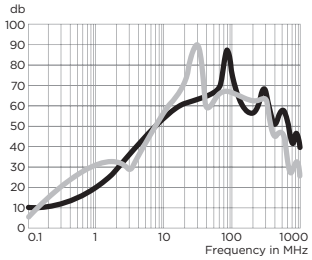
6EJT



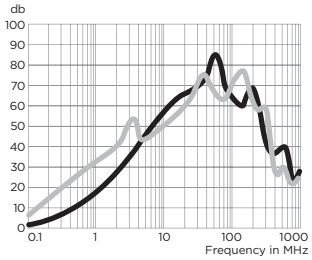
10EJT



15EJT



20EJT



Common Mode / Asymmetrical (L-G)
Differential Mode / Symmetrical (L-L)

Minimum Insertion Loss

Measured in closed 50 Ohm system

Common Mode / Asymmetrical (Line to Ground)

Current Rating	Frequency – MHz							
	.15	.5	1	5	10	30	100	1000
1A	27	33	40	59	65	65	61	14
3A	22	30	34	57	63	69	61	10
6A	13	21	27	51	60	65	59	14
10A	7	14	21	43	52	61	61	14
15A	4	10	15	38	48	63	63	14
20A	-	8	15	42	50	60	58	14

Differential Mode / Symmetrical (Line to Line)

Current Rating	Frequency – MHz							
	.15	.5	1	5	10	30	100	1000
1A	10	20	23	43	52	65	45	14
3A	10	20	24	41	51	59	52	17
6A	10	21	24	37	48	65	55	20
10A	10	21	25	28	44	63	53	18
15A	10	20	26	25	36	56	45	23
20A	9	20	26	40	35	48	50	10

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