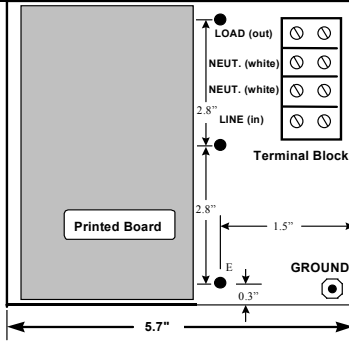
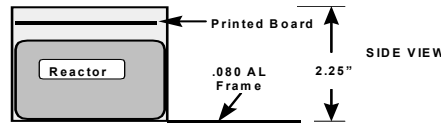


OEM6 Series – TSC 120V ac Single Phase

Models	OEM6-15T-120	OEM6-20T-120
Mfg Part #	007-00316	007-00326
Voltage/Hz	120V ac nominal 50-60 Hz	120V ac nominal 50-60 Hz
Max. Load	15 amps	20 amps
Chassis	6.7" x 5.7" aluminum chassis, with 2.3" sides on rear & half of left side	
Mounting	3 - 0.161" holes in bottom of chassis	
Ground Connect	ground stud with nut	
Wire Connector & recommended attachment	Screw terminal block, use #8 spade or fork crimp terminal	
Over-current Protection	Filter must be installed on a branch circuit with 15 amp over-current protection	Filter must be installed on a branch circuit with 20 amp over-current protection
Weight	3.25 lbs	3.25 lbs
Dimensions	2.25"H x 6.7"W x 5.7"D	2.25"H x 6.7"W x 5.7"D
Boxed Dim./Wt.	8"H x 8"W x 3"D/ 4 lbs	8"H x 8"W x 3"D/ 4 lbs



TOP VIEW
(NOT TO SCALE)



3162119

X10 Carrier Current Compatible

Specifications	
Voltage Ratings	US 120 Volt, single phase (one hot leg & a neutral leg tied to earth ground at service entrance). Will operate over a voltage range of 85 - 175 volts with Spectrum WVR technology (MCOV=175Vac). Full load regulation 1%. Check line wiring for hot/neutral reversal prior to connecting this filter. Hot/neutral building wiring reversal can compromise any appliance's safety and performance.
Operating Temperature Range	0-40 deg. C
Technology	Spectrum WVR® Wide Voltage Range filter & TSC Total Surge Cancellation
Mode	Mode 1 applications, L-N (ground wire protection)
Safety Certifications	CSA 22.2 No. 8-M1986, UL 1283 5 th edition
Limiters	Series surge reactor current limiter; cascaded, auto-tracking dual polarity dynamic surge and noise sensing; bi-modal dynamic filtering. Parameters optimized for switch-mode power supply protection.
Dynamic filtering Onset	172 volts nominal, 2 volts above peak line voltage (auto-tracking- WVR).
Max. Surge Voltage Let-through*	20 Volts above peak line voltage @ 6,000 Volts, 3,000 Amps for ANSI C62.41 Category B3/C1 Combination Wave.
Max. Applied Pulse Voltage	6,000 volts (1.2 x 50 μs – ANSI C62.41 Combination Wave)
Max. Applied Pulse Current	>100,000 amperes applied (unlimited due to internal current limiting) (8 x 20 μs).
Joule Rating	Not applicable to this technology. No MOV's to wear out.
Endurance Rating	1,000 worst case pulses: ANSI C62.41, Category B3/C1 pulses (6,000 Volts, 3,000 Amperes); >10,000 pulses at 4,000 Volts; >100,000 pulses at 2,000 Volts.
Filter Slew Rate	5,000 volts/μs disturbance reduced to 35 v/μs within AC power wave envelope; 10.0 v/us outside the power wave envelope.
EMI-RFI Filter Response	Bi-directional, wave tracking: With 50 ohm Rgen., load: 7 kHz @ 3 dB; 25 dB @100 kHz; 38 dB @300 kHz.

* Note: Surge voltage let-through is the peak voltage that exceeds the powerline peak voltage.

100% Surge Protection, 0% Failure • Are you Zero Surge protected?

Zero Surge Inc. • 889 State Route 12 • Frenchtown, NJ 08825 • Tel.: 908-996-7700 • Fax: 908-996-7773

URL: www.ZeroSurge.com • Email: info@zerosurge.com

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