

ZoneDefender Pro-B

Model No. AT16504-B

The ZoneDefender PRO-B is a versatile, high performance surge protector designed for use in a wide variety of industrial, institutional and commercial applications. This is the most compact, powerful, feature-rich surge protector on the market today. State-of-the-art circuitry protects equipment from high frequency noise as well as from damaging electrical transient and high-energy disturbances.

Specifications

Maximum Surge Current (I_{max})

200kA (8/20 μ s)

Maximum continuous operating voltage

L-N, L-G, N-G 320Vac

L-L 600Vac

Lines protected AC

L-N, L-G, L-L, N-G

Duty cycle performance (8/20 μ s)

Rated 1 impulse

10,000A > 6,500 impulses

100A infinite

Long duration current pulse (10/1,000 μ s) capability

3,600A (tested)

Humidity

95% RH (non-condensing)

Enclosure

NEMA 1, 2, 12, and 13 (IP60)

Terminals

#8 AWG

Remote contacts

Form C (NC, NO, C) 60W DC OR 120VA AC, 3A max

Let-through voltage

3kA 8/20 = 770V

10kA 8/20 = 1180V

Operating voltage

120/240, 120/208, 220/380, 240/415, 277/480

Indication

Green LED on } Power and ground present, full
Red LED off } protection in all modes, all phases

Green LED off } Loss of power or loss of ground (remote)
Red LED off } indication warning, via contacts

Green LED off } Protection fault (remote indication alarm)
Red LED on } via contacts & audible alarm

EMI/RFI attenuation

-75dB maximum 100kHz to 100MHz

Weight

From 5.2 lbs

Dimensions

9.30" x 3.00" x 4.93"

SCCR Rating

Suitable for use on a circuit capable of delivering not more than 100,000 rms symmetrical Amperes, 480V maximum

EMC compliance

BS EN 60950: 1992

BS EN 61000-6-2: 1999

Ratings in compliance with IEC 61643-1

I_{max} = 200kA

I_{imp} = 10kA (10/350)*

*All current results are per phase

