



# Industrial Grade



# Decora Surge Suppressor Receptacles

Back and Side Wired NEMA 5-15R & 5-20R  
(Basic Cat. No. denotes Mahogany device, except where indicated)

DESCRIPTION	CAT. NO./COLOR* 15A/125V	CAT. NO./COLOR* 20A/125V
	5-15R 	5-20R 
Hospital Grade, Surge Duplex with Indicator Light & Audible Alarm	8280 I, W, A, R, B	8380 I, W, GY, R, B
Hospital Grade, Surge Single with Indicator Light & Audible Alarm	—	8381 I, GY, R
Hospital Grade, Isolated Ground, Surge Duplex with Indicator Light & Audible Alarm	8280-IG I, W, G, A, R, B, O <i>(No Mahogany)</i>	8380-IG I, W, A, G, B, O <i>(No Mahogany)</i>
Hospital Grade, Isolated Ground, Surge Single with Indicator Light & Audible Alarm	8281-IG I, W, A, G, O <i>(No Mahogany)</i>	8381-IG I, W, B, O <i>(No Mahogany)</i>
Industrial Grade, Surge Duplex with Indicator Light & Audible Alarm	7280 I, W, GY, A, B	7380 I, W, GY, B
Industrial Grade, Surge Duplex with Indicator Light	5280 I, W, GY, A, B	5380 I, W, GY, B
Industrial Grade, Isolated Ground, Surge Duplex with Indicator Light	5280-IG I, W, G, A, B, O	5380-IG I, W, G, B, O

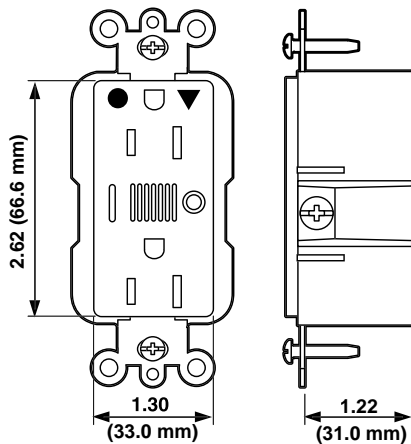
All devices are UL Listed and CSA Certified.



8280-R



8381-I



ALL SURGE RECEPTACLES ON THIS PAGE  
Cat. No. 8280-IG Shown

### SPECIFICATIONS & FEATURES

- Decora-styled TVSS receptacles protect sensitive electronic equipment against transient voltage surges
- UL 1449 Suppressed Voltage Ratings: 400V for all 3 modes (line-neutral, line-ground, neutral ground)
- Fuse-protected internal circuitry
- Super impact-resistant Lexan face
- RFI and EMI noise filtration (-35db, @ 5KHz-5MHz)
- Supplied with Decora wallplate
- Hospital Grade and Isolated Ground versions include green LED indicator light that goes out and audible alarm that sounds when protection is lost
- Industrial Grade versions include green LED indicator light that goes out when protection is lost
- Maximum Continuous Operating Voltage: 150V
- Maximum single-pulse transient current (8 x 20 ms Amps peak) 24,000A (L-N), 12,000A (L-G), 12,000 (N-G)
- Rated single pulse transient energy (10 x 1000ms, impulse) 320 joules

### TESTING & CODE COMPLIANCE

- UL Listed (File #E-13399)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- 15 and 20 amp versions both meet new UL Standard 1449-2nd ED. (1998)
- Backed by a Limited 10-Year Warranty

### \*COLOR

Basic Cat. Nos. denote Mahogany device, unless indicated. Isolated Ground Receptacle is distinguished by an orange triangle on its face. For other color selections, add suffix to the catalog number as follows: Ivory (-I), White (-W), Almond (-A), Red (-R), Gray (-G or -GY), Blue (-B) and Orange (-O).

### MATERIAL CHARACTERISTICS

Environmental: Flammability UL-94, V2 Rating  
Operating Temperature: -40°C to 120°C

For more information regarding matching wallplates, colors, materials, single and multi-gang, refer to Wallplates, section G.

For more information regarding Surge Protection Devices, refer to section R.

