

Type 3 Point-of-Use

Type 3 Surge Protective Devices

Type 3 SPDs are point of utilization SPDs, installed at a minimum conductor length of 10 meters (30 feet) from the electrical service panel to the point of utilization. Examples include cord connected, direct plug-in, receptacle type and SPDs installed at the utilization equipment being protected. The distance (10 meters) is exclusive of conductors provided with or used to attach SPDs.

Type 3 Surge Protective Devices



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Surge Protective Devices (SPDs)

Color Choices Surge protective devices are offered in a wide range of colors. To order colors, add suffix to Cat. No.



White (-W)



Ivory (-I)



Light Almond (-T)



Gray (-G/-GY)



Black (-E)



Brown



Red (-R)



Blue (-B)



Orange (-O)

POINT-OF-USE | Surge Protective Receptacles

Type 3 Surge Protective Receptacles

Leviton offers the broadest selection of surge protective receptacles in the industry. The low cost of these receptacles, combined with their ease of installation, means they can be placed anywhere you have a standard electrical outlet. So with a small investment, you have the assurance that your equipment is well protected — whether it's a heart monitor in the emergency room, a computer in your office, or the big screen TV in your living room.

Features and Benefits

Type 3 Surge Protective Receptacles

- Available in 15A, 125V and 20A, 125V ratings
- Tamper-resistant versions have a shutter mechanism that prevents incidental contact with energized contacts
- Indicator light provides visual indication that equipment is being protected
- Single, duplex and Four-In-One versions
- EMI/RFI noise filtering
- Available audible alarm for hidden locations (can be silenced)
- Wide variety of color options aid in identifying different types of equipment or applications
- Back and side-wired design with durable metal mounting strap
- Point-of-use protection for up to 18,000A of surge current total

Commercial/Industrial Grade Type 3 Surge Protective Receptacles

Decora® Tamper-Resistant Surge Protective Receptacles

Amp	Outlet Configuration	Brown	Ivory	White	Gray	Red	Blue	Black	Orange	Lt. Almond	Features
15A	Duplex	T5280	T5280-I	T5280-W	T5280-GY	—	T5280-B	T5280-E	—	T5280-T	■
15A	Duplex	—	T7280-I	T7280-W	—	—	T7280-B	T7280-E	—	T7280-T	■ ◆
15A	Duplex	—	T8280-I	T8280-W	—	T8280-R	T8280-B	—	—	T8280-T	● ■ ◆
20A	Duplex	T5380	T5380-I	T5380-W	T5380-GY	—	T5380-B	T5380-E	—	—	■
20A	Duplex	—	T7380-I	T7380-W	—	—	T7380-B	T7380-E	—	—	■ ◆
20A	Duplex	—	T8380-I	T8380-W	T8380-GY	T8380-R	T8380-B	—	—	—	● ■ ◆

Decora® Surge Protective Receptacles

Amp	Outlet Configuration	Brown	Ivory	White	Gray	Red	Blue	Black	Orange	Lt. Almond	Features
15A	Duplex	5280	5280-I	5280-W	5280-GY	—	5280-B	—	—	5280-T	■
20A	Duplex	5380	5380-I	5380-W	5380-GY	—	5380-B	—	—	—	■
15A	Duplex	5280-IG	5280-IGI	5280-IGW	—	—	5280-IGB	—	5280-IGO	—	■ ▼
20A	Duplex	5380-IG	5380-IGI	5380-IGW	5380-IGG	—	5380-IGB	—	5380-IGO	—	■ ▼
15A	Duplex	—	7280-I	7280-W	—	—	7280-B	—	—	7280-T	■ ◆
20A	Duplex	—	7380-I	7380-W	—	—	7380-B	—	—	—	■ ◆

Four-In-One Surge Protective Receptacles

Amp	Outlet Configuration	Brown	Ivory	White	Gray	Red	Blue	Black	Orange	Lt. Almond	Features
15A	Four-In-One	—	5480-I	5480-W	5480-GY	5480-R	5480-BU	—	—	—	■
20A	Four-In-One	—	5490-I	5490-W	5490-GY	—	5490-BU	—	—	—	■
15A	Four-In-One	—	—	—	—	—	—	—	5480-IG	—	■ ▼
20A	Four-In-One	—	5490-IGI	—	—	—	5490-IGB	—	5490-IG	—	■ ▼

Key:

- ▼ Isolated Ground
- ◆ Audible Alarm
- Indicator Light
- Hospital Grade

Hospital Grade Type 3 Surge Protective Receptacles

Decora® Surge Protective Receptacles

Amp	Outlet Configuration	Outlet Configuration									Features
		Brown	Ivory	White	Gray	Red	Blue	Black	Orange	Lt. Almond	
15A	Duplex	8280	8280-I	8280-W	—	8280-R	8280-B	—	—	8280-T	■ ◆ ●
20A	Duplex	8380	8380-I	8380-W	8380-GY	8380-R	8380-B	—	—	—	■ ◆ ●
20A	Single	—	8381-I	—	—	—	—	—	—	—	■ ◆ ●
15A	Duplex	—	8280-IGI	8280-IGW	—	—	8280-IGB	—	8280-IGO	—	▼ ■ ◆ ●
20A	Duplex	—	8380-IGI	8380-IGW	8380-IGG	—	8380-IGB	—	8380-IGO	—	▼ ■ ◆ ●
20A	Single	—	8381-IGI	—	—	—	—	—	—	—	▼ ■ ◆ ●

Four-In-One Surge Protective Receptacles

Amp	Outlet Configuration	Outlet Configuration									Features
		Brown	Ivory	White	Gray	Red	Blue	Black	Orange	Lt. Almond	
15A	Four-In-One	—	8480-I	8480-W	—	8480-R	—	—	—	—	■ ●
20A	Four-In-One	—	8490-I	8490-W	—	8490-R	—	—	—	—	■ ●
15A	Four-In-One	—	8480-IGI	8480-IGW	—	—	8480-IGB	—	—	—	▼ ■ ●
20A	Four-In-One	—	8490-IGI	—	—	—	8490-IGB	—	8490-IG	—	▼ ■ ●

Key:

- ▼ Isolated Ground
- ◆ Audible Alarm
- Indicator Light
- Hospital Grade



T5280-T



T7380-B



T5380-I



T7280-W



8490-R

Specifications for Type 3 Surge Protective Receptacles

Specs for Type 3 Surge Protective Receptacles

Electrical Specifications	
Dielectric Voltage	Withstands 2000V per UL498
Current Limiting	Full rated current
Temperature Rise	Max 30C after 250 cycles OL at 200% rated current
Performance Data	
Maximum Continuous Operating Voltage (MCOV)	150V rms
Joules Rating	720
Nominal Discharge Current (I _n)	3kA (Meets Type 2 & Type 3 requirements)
Maximum Surge Current, Per Mode	L-N: 18kA, L-G: 9kA, N-G: 9kA
Noise Rejection	-30dB at 500kHz-30MHz
Voltage Protection Rating (VPR)	L-N: 600V, L-G: 700V, N-G: 600V
Short Circuit Current Rating (SCCR)	5kA
Diagnostics	Indicator light, audible alarm (on select versions)
Warranty	
Product Warranty	10-year limited