

## 7764C

50 Amp, 250 Volt DC/600 Volt AC, NEMA Non-NEMA, 3P, 4W, Locking Connector, Industrial Grade, Grounding - BLACK-WHITE



**UPC Code** : 078477804438

**Country Of Origin** : Mexico

**RoHS Compliant** : Yes

Leviton's Black & White 50 Amp, Non-NEMA line of industrial grade locking blade devices feature rugged construction that resists impact, sunlight, chemicals and rough use. All contacts and blades are solid one-piece construction for superior conductivity. Corrosion resistant versions feature nickel plated contacts and blades, plus stainless steel shrouds and screws. The ergonomic, fluted-body design with radial gripping edge is ideal for gripping and pulling. The unique cord clamp accepts a wide range of cord sizes, providing a secure grip without damaging the cord. And, they are backed by a limited lifetime warranty.

### Technical Information

#### Electrical Specifications

**Amperage** : 50 A

**Current Interrupting** : Certified for current interrupting at full rated current

**Dielectric Voltage Withstand** : 2000V minimum per UL 498

**Grounding** : Grounding

**Maximum Working Voltage** : 250V DC/600V AC as rated

**Pole** : 3

**Temperature Rise** : Max 30°C temp rise at full-rated current after 150 cycles of OL at 150% rated DC current

**Voltage** : 250 VDC/600 VAC

**Wire** : 4

#### Environmental Specifications

**Environment** : Dry

**Flammability** : UL94V-2

**Operating Temperature** : -40°C to 75°C

#### Material Specifications

**Assembly Screws** : Brass

**Cable Clamp Screw** : Philips Head, SS 304

**Color** : Black-White

**Contact - Binding Plate** : 0.100inch thick Brass

**Contact - Spring Value** : 0.041inch thick Brass

**Contact Rivet** : Brass

**Dust Shield** : Santoprene TPE

**Face Module** : Nylon

**Ground Post** : Brass

**Ground Shunt** : Bronze

**Housing Material** : Nylon

**Standard Cable Clamp** : Nylon

**Terminal Block** : 0.062inch thick Copper

**Terminal Set Screw** : SS 302/304

**Wiring Chamber** : Nylon

#### Mechanical Specifications

**Cord Range** : .680 - 1.125

**Product ID** : Ratings and Catalogue No. molded into face and stamped into shroud

**Terminal Accom.** : #10 min to #4max AWG Solid or Stranded Wire

**Terminal ID** : X, W, Y, Z and Green for ground

**Torque Range** : allen wrench to 35 inch-lbs

#### Product Features

**Brand** : Black and White

**Color** : Black-White

**Device Type** : Locking Connector

**NEMA** : Non-NEMA

#### Standards and Certifications

**CSA C22.2 No. 42** : File 152105

**NOM** : 057

**RoHS** : Compliant

**UL 498** : File E13399

**Warranty** : Limited Lifetime Warranty

