



ELLIOTT ELECTRIC SUPPLY

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IT30 3/0-#6 Polaris Insul-Tap Connector

Nsi Industries

| | |
|------------------|--|
| Catalog Number | IT30 |
| Manufacturer | Nsi Industries |
| Description | Insulation-Tap Connector, #6 Awg Conductor Size, 3/0 Awg Conductor Size, Insulated, Plastisol Insulation Material, Copper/Aluminum Conductor Material, Black Insulation Color, 2 Conductors, -45 °C Operating Temperature, +90 °C Operating Temperature, 1.84 In Overall Length, 600 V, 0.19 LB/Ea |
| Weight per unit | 0.1900 (lbs/each) |
| Product Category | Large Terminals & Connectors |

Features

| | |
|----------------|-------------|
| Material | Plastisol |
| Poles | 1 IN |
| Voltage Rating | 600 VAC |
| Wire Size | 3/0-6 AWG |
| Wire Type | Class B & C |

Material, Color, and Finish

| | |
|--------|-----------|
| Color | BLACK |
| Finish | Plastisol |

Dimensions and Weight

| | |
|------|---------------------------------|
| Size | L=1.840 - WW=1.750 - H=1.870 IN |
|------|---------------------------------|

Descriptions

| | |
|-------------|------------------------------------|
| Description | 3/0-#6 POLARIS INSUL-TAP CONNECTOR |
|-------------|------------------------------------|

Manufacturer Information

| | |
|------|----------------|
| GTIN | 00662381950055 |
| UPC | 662381950055 |

Taxonomies, Classifications, and Categories

| | |
|----------------------|-------------|
| Category Description | SPLIT BOLTS |
| Type | Multi Cable |

Packaging

| | |
|-----------------|------|
| Carton | 6 |
| Weight Per each | 0.19 |

Uses, Certifications, and Standards

| | |
|--------------------------|------------------|
| Application | Wire Termination |
| environmental conditions | 90 WTT |
| standard | cULus |
| Temperature Rating | 90 WTT |

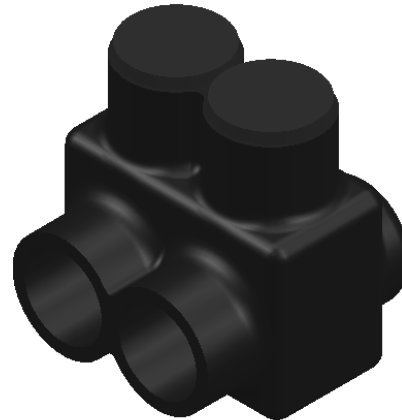


FIGURE 1
IT

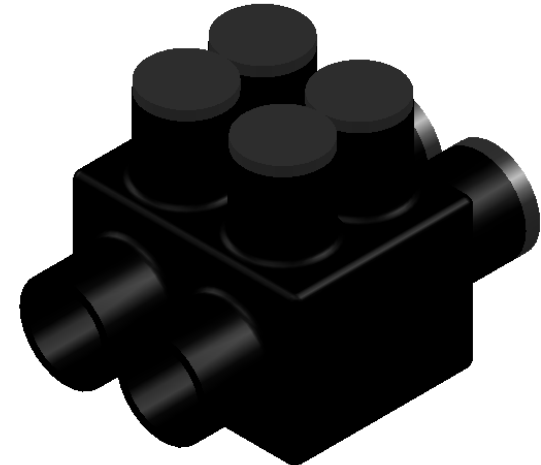


FIGURE 3
ITH

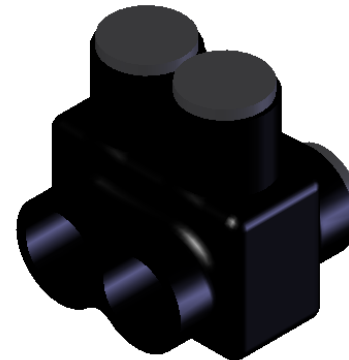


FIGURE 2
DUAL ENTRY

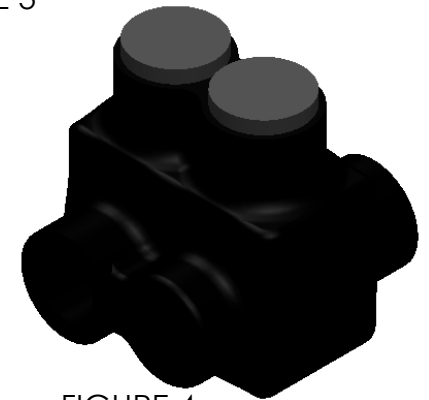


FIGURE 4
ITO

| PART # | FIG. # | WIRE RANGE | HEX SIZE | L | W | H |
|--------|--------|------------|----------|------|------|------|
| IT4 | 1 | 4 - 14 | SLOTTED | 1.12 | 1.18 | 1.38 |
| ITO4 | 4 | 4 - 14 | SLOTTED | 1.12 | 1.25 | 1.38 |
| IT1/0 | 1 | 1/0 - 14 | 3/16 | 1.62 | 1.62 | 1.75 |
| ITO1/0 | 4 | 1/0 - 14 | 3/16 | 1.62 | 1.75 | 1.75 |
| IT3/0 | 1 | 3/0 - 6 | 1/4 | 1.84 | 1.75 | 1.87 |
| ITO3/0 | 4 | 3/0 - 6 | 1/4 | 1.84 | 1.87 | 1.87 |
| IT250 | 2 | 250 - 6 | 5/16 | 2.12 | 2.25 | 2.25 |
| IT350 | 2 | 350 - 6 | 5/16 | 2.47 | 2.50 | 2.44 |
| IT500 | 2 | 500 - 4 | 5/16 | 2.81 | 2.87 | 2.94 |
| IT750* | 2 | 750 - 250 | 3/8 | 3.48 | 3.50 | 3.50 |
| IT600† | 2 | 600 - 6 | 5/16 | 2.34 | 2.94 | 3.05 |
| ITH750 | 3 | 750 - 250 | 5/16 | 3.48 | 4.50 | 3.50 |

† 600 SERIES ARE AL7CU AND 75 °C

*NOT UL LISTED

NOTES:

1. CONNECTOR MANUFACTURED FROM 6061-T6 ALUMINUM ALLOY.
2. UL LISTED PER UL486A/B SPECIFICATIONS FOR 600V.
3. DUAL RATED FOR 90 °C COPPER AND/OR ALUMINUM CONDUCTOR.
4. COLD TEMPERATURE RATED TO -45 °C.
5. HIGH DIELECTRIC STRENGTH INSULATION IS ABRASION, CHEMICAL AND UV RESISTANT.

CONTACT NSI FOR SALES @ 800.321.5847

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|---|---------|---|---------------|
| | | POLARIS SALES CO. INC | |
| PROPRIETARY AND CONFIDENTIAL | | 11625 PROSPEROUS DRIVE ODESSA, FL 33556 | |
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| DRAWN BY | NAME | DATE | DWG. NO. |
| S.PARRY | S.PARRY | 6/13/2012 | IT SERIES |
| MATERIAL: N/A | | NOT TO SCALE | SHEET: 1 OF 1 |