

Single Terminal Solutions

Single Terminal Overview

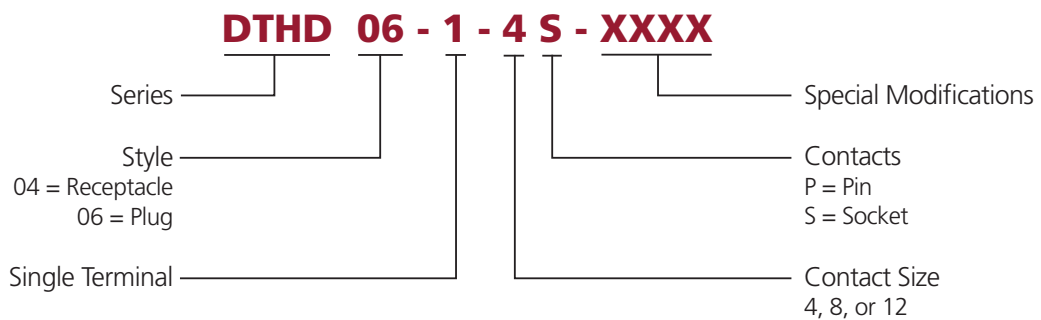
Two different solutions are available for applications that require heavy duty single terminal connections. The DEUTSCH DTHD Series and Jiffy Splices provide environmentally sealed field-serviceable connections for the full range of wire gauges covered by the DEUTSCH contacts. The DTHD connectors are heavy duty power terminations for in-line and mounted applications. Jiffy Splices are lightweight in-line splices for quick connections. Both options provide easy installation and service with standard tools and contacts.

DTHD Series Overview

DTHD connectors are single terminal connectors for heavy duty applications. Easy to install, environmentally sealed and compact in size, they are a simple, field serviceable alternative to a splice. DTHD connectors are available in three sizes, carry 25 to 100 amps, and can be mounted or used in-line.



DTHD Series Part Numbering System



DTHD Series Dimensions



| Contact Size | DTHD Plug | | | DTHD Receptacle | | |
|--------------|---------------------|---------------------|--------------------|---------------------|---------------------|--------------------|
| | Overall Length A | Overall Height B | Overall Width C | Overall Length D | Overall Height E | Overall Width F |
| 12 | 1.498 (38.05) | .771 (19.58) | .570 (14.48) | 2.068 (52.53) | .850 (21.59) | .710 (18.08) |
| 8 | 1.498 (38.05) | .861 (21.87) | .660 (16.76) | 2.068 (52.53) | .940 (23.88) | .800 (20.32) |
| 4 | 1.498 (38.05) | 1.076 (27.33) | .875 (22.23) | 2.068 (52.53) | 1.170 (29.72) | 1.045 (26.54) |

Dimensions are for reference only.

Special Modifications

The DTHD Series connectors offer modifications to enhance the design flexibility and meet application specific needs. Options include end caps and flanges.

■ E003 Modification

The E003 is an end cap modification. The end cap is a protective cap that is sonically welded to the rear of the connector.



■ L013 and L009 Modification

The L013 and L009 are sealed flange modifications. The L013 offers outside mounting and the L009 offers inside mounting.



L009



L013

Accessories

There is a full line of mounting clips available for use with the DTHD Series. The mounting clips offer straight or side mounting and several material options. The mounting clips are designed to be used on all DTHD receptacles.

| Mounting Clip | Part Number | Mounting Direction | Color/Material | Hole O.D. inches (mm) |
|---------------|---|--------------------|-----------------------|-----------------------|
| | 1027-003-1200 | Straight | Stainless steel | .433 (11.0) |
| | 1027-005-1200 | Straight | Stainless steel | .512 (13.0) |
| | 1027-004-1200 | Straight | Steel w/ zinc plating | .512 (13.0) |
| | 1027-008-1200 | Side | Steel w/ zinc plating | .433 (11.0) |
| | 1027-013-1200 | Side | Steel w/ zinc plating | .323 (8.2) |
| | 1011-026-0205 | Straight | Gray plastic | .200 (5.08) |
| | 1011-030-0205 | Straight | Black plastic | --- |
| | 1011-310-0205* *Connector removeable with 50N of force | Straight | Black plastic | --- |