



Single Terminal Overview

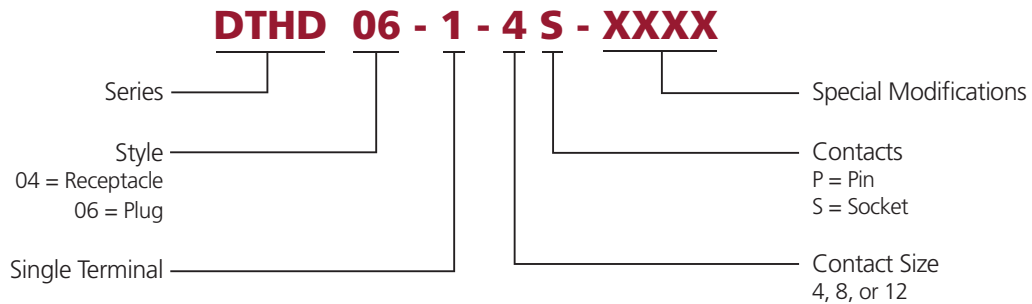
Deutsch offers two different solutions for applications that require heavy duty single terminal connections. With the DTHD Series and the Jiffy Splices, Deutsch provides environmentally sealed field-serviceable connections for the full range of wire gauges covered by the Deutsch Common Contact System. 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 Deutsch 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 to provide extra assurance.



■ 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 removable with 50N of force	Straight	Black plastic	---



Jiffy Splice Overview



Deutsch Jiffy Splices are a unique, field-serviceable alternative to permanent splices. Made from the same high quality silicone elastomer as Deutsch connector seals and grommets, the Jiffy Splice body houses a contact retention system that secures a mated pair of contacts in a compact environmentally sealed unit. Jiffy Splices are easy to install and service with standard Deutsch tools.

Part Number	Size	A	B (min.)	Wire AWG	Insulation O.D.
JS-04-00	4	3.437 (87.30)	.765 (19.43)	6	.280-.292 (7.11-7.42)
JS-12-00	12	2.500 (63.50)	.500 (12.70)	12-14	.134-.170 (3.40-4.32)
JS-16-00	16	2.465 (62.61)	.385 (9.78)	14-20	.100-.134 (2.54-3.40)

Dimensions are for reference only.



Notice
Jiffy Splices accept one pin and one socket.

How To Instructions

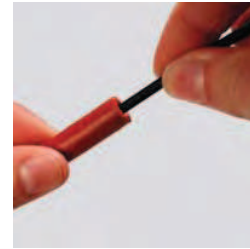
Contact Insertion (after crimping)



Step 1:
Grasp contact approximately one inch behind the contact crimp barrel.



Step 2:
Hold Jiffy Splice between thumb and forefinger approximately one half inch behind cavity.



Step 3:
Push contact straight into Jiffy Splice until a positive stop is felt. An audible "snap" will occur when correctly mated. A light tug will confirm it is properly seated.

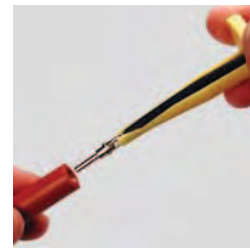
Contact Removal



Step 1:
Snap appropriate size removal tool over the wire.



Step 2:
Hold Jiffy Splice between thumb and forefinger approximately one half inch behind cavity. Slide tool into cavity until resistance is felt and retaining fingers are engaged. Do not twist or insert tool at an angle.



Step 3:
Grip Jiffy Splice between thumb and forefinger and slowly pull contact wire assembly with removal tool out of cavity.