

Datasheet for 76650-0153

General Information

Part Number:	76650-0153
Manufacturer:	Molex / Waldom
Title:	Solderless Terminal Kit
Description:	Nylon Insulated .250" Tab Size Quick Disconnect, Quick Disconnect Adaptor and Coupler
Product Family:	Quick Disconnects
Certificates:	(Molex Parts within this kit) - EU RoHS Compliant
Country of Origin:	Kit assembled in U.S.A.

Specifications

Design	
Configuration:	Wire-to-Wire / Solderless Terminals
Tab Size:	.250"
Connector Type:	Male and Female
Insulation:	Nylon
Current Rating:	(3-15) Amps - Dependant on Wire Gauge
Voltage:	300 Volts
Wire size:	(22-18), (16-14), (14-12) and (12-10) AWG

Product Highlights

Quick disconnects allow for quickly connecting or disconnecting a terminal. The front end of the terminal has a female-type receptacle which allows the terminal to slide onto and off of a male blade. Quick Disconnects (QDs) are female terminals that mate with male tab terminals, tab adapters, and terminal blocks fitted with male tabs.

Features and Benefits

Applications

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- Color-coded insulator allows easy identification of terminal size and wire gauge.
- Avikrimp provides a metal insulation support sleeve for superior strain relief
- These fulfill the double crimp (support) requirements of VDE and other DIN specifications
- Make two .250" x .032" male tabs from one male tab when an add-on circuit is needed
- Converts one Power Block 1/4" (female) to two male tabs 10 deg. bend-up; 120 deg. bend-back
- Splices two female 1/4" quick connects
- MRO (Maintenance Repair and Operations)
- Consumer applications
- Power applications
- Motor applications

Bill of Materials for Part No. 76650-0153

Molex Part No.	Country of Origin	Description	Quantity in Kit
19019-0012	USA	.250 x .032 Nylon Female Quick Disconnects (22-18) AWG	25
19019-0031	USA	.250 x .032 Nylon Female Quick Disconnects (16-14) AWG	25
19019-0052	USA	.250 x .032 Nylon Female Quick Disconnects (14-12) AWG	25
19019-0037	USA	.250 x .032 Nylon Female Quick Disconnects (12-10) AWG	25
19043-0001	USA	.250 x .032 Double Male / Single Female Quick Disconnect Adapter	10
19043-0010	Taiwan	.250 x .032 Three Way Quick Disconnect Adapter	10
19163-0178	Taiwan	.250 x .032 Double Male Quick Disconnect Insulated Coupler	5

Recommended Molex Tool(s) for Part No. 76650-0153*

Molex Part No.	Country of Origin	Description
64001-0200 *	USA	Hand Crimp Tool (RHT-1991) / (22-18) AWG
64001-1700 *	USA	Hand Crimp Tool (RHT-5757) / (22-18) AWG
64001-1800 *	USA	Hand Crimp Tool (RHT-5759) / (14-12) AWG
64001-2000 *	USA	Hand Crimp Tool (RHT-5758) / (16-14) AWG
64001-7300 *	USA	Hand Crimp Tool (RHT-2210) / (12-10) AWG

*Tool(s) not included in kit. Tool(s) ordered separately.

Mouser Electronics

Authorized Distributor

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Molex:

76650-0153