

Datasheet for 76650-0028

General Information

Part Number:	76650-0028
Manufacturer:	Molex / Waldom
Title:	Solderless Terminal Kit
Description:	.110", .187" and .250" Tab Size Non-Insulated and PVC Insulated Quick Disconnect Solderless Terminals, With Universal Crimp Tool
Product Family:	Quick Disconnect
Certificates:	(Molex Parts within this kit) - EU RoHS Compliant, UL and CSA
Country of Origin:	Kit assembled in U.S.A.

Specifications

Design

Configuration:	Wire-to-Wire / Solderless Terminals
Tab Size:	.110", .187" and .250"
Insulation:	PVC and Non-insulated
Current Rating:	Per (Proper) Wire Specification
Voltage:	Per (Proper) Wire Specification
Wire size:	16-14 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.

Features and Benefits

- Color-coded insulator allows easy identification of terminal size and wire gauge.
- A wire stop stamped into the crimp barrel prevents insertion of over-stripped wires.
- Terminal's funnel entrance is designed for increased crimping rates by speeding wire delivery into the crimp section and eliminating wire strand fold back.

Applications

- MRO (Maintenance Repair and Operations)
- Consumer applications
- Power applications
- Motor applications
- Powertrains
- Transportation
- Construction / Mining
- Energy / Power
- Production Equipment
- Instrumentation
- Environmental Equipment and Controls
- Blower Motors

For additional Molex / Waldom Design and Solution kits please go to www.molexkits.com

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Bill of Materials for Part No. 76650-0028

Molex Part No.	Country of Origin	Description	Quantity in Kit
19008-0020	USA	Non-insulated .187" Female Flag Quick Disconnect Terminals, 16-14 AWG	30
19008-0024	USA	Non-insulated .250" Female Flag Quick Disconnect Terminals, 16-14 AWG	30
19016-0037	USA	Non-insulated .110" Female Quick Disconnect Terminals, 16-14 AWG	30
19016-0039	USA	Non-insulated .187" Female Quick Disconnect Terminals, 16-14 AWG	30
19016-0111	USA	Non-insulated .250" Female Quick Disconnect Terminals, 16-14 AWG	30
19017-0028	USA	Insulated .110" Female Quick Disconnect Terminals, 16-14 AWG	30
19017-0031	USA	Insulated .187" Female Quick Disconnect Terminals, 16-14 AWG	30
19017-0037	USA	Insulated .250" Female Quick Disconnect Terminals, 16-14 AWG	30
19022-0022	USA	Non-insulated .187" Male Quick Disconnect Terminals, 16-14 AWG	30
19022-0018	USA	Non-insulated .250" Male Quick Disconnect Terminals, 16-14 AWG	30
19023-0010	USA	Insulated .187" Male Quick Disconnect Terminals, 16-14 AWG	30
19023-0012	USA	Insulated .250" Male Quick Disconnect Terminals, 16-14 AWG	30
CT-4071-1R^	Taiwan	Universal Hand Crimping Tool, 22-10 AWG	1

^ =Tool Provided by Waldom

Recommended Molex Tool(s) for Part No. 76650-0028*

Molex Part No.	Country of Origin	Description
64001-0100 *	USA	Hand Crimp Tool (RHT-1990)
64001-0200 *	USA	Hand Crimp Tool (RHT-1991)
64001-1400 *	USA	Hand Crimp Tool (RHT-2100)
64001-2000 *	USA	Hand Crimp Tool (RHT-5758)
64003-1200 *	USA	Hand Crimp Tool (RHT-1752)
64003-4200 *	USA	Hand Crimp Tool (RHT-NIFG)

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