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Datasheet for 76650-0038

General Information

Part Number:	76650-0038
Manufacturer:	Molex / Waldom
Title:	Solderless Terminal Kit
Description:	Assorted Non-Insulated Quick Disconnect, Ring, Spade and Butt Splice Solderless Terminals, with Universal Crimping Tool
Product Family:	Solderless Terminals
Certificates:	(Molex Parts within this kit) - EU RoHS Compliant and UL
Country of Origin:	Kit assembled in U.S.A.

Specifications

Design Configuration:	(Wire-to-Wire) and (Wire-to-Board) / Solderless Terminals
Size(s):	.250", # 6, # 8, # 10, 1/4" and 3/8"
Current Rating:	Per (Proper) Wire Specification
Voltage:	Per (Proper) Wire Specification
Wire size:	(22-18), (16-14) and (12-10)

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.
Spades have the open tongue end used for rapid insertion on the mounting screw. The spade is usually used on free standing studs.
Butt Splices allow two stripped wires to be inserted into each end and "butt" in the center, with the crimp securing both wires together.

Features and Benefits	Applications
• Terminals employ the full barrel length that eliminates costly and time consuming location when crimping • Finest quality electrolytic copper • One-piece design, butted seam • The Spade's open tongue end is for rapid insertion on the mounting screw / stud • The basic Ring Tongue type is the safest and most reliable because it cannot be disconnected unless the screw is completely removed. • Block Spades are designed for use in terminal blocks	• 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

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Bill of Materials for Part No. 76650-0038

Molex Part No.	Country of Origin	Description	Quantity in Kit
19016-0111	USA	Non-insulated .250" Female Quick Disconnects, 16-14 AWG	45
19022-0018	USA	Non-insulated .250" Male Quick Disconnects, 16-14 AWG	45
19044-0031	USA	Non-insulated #8 Ring Tongue Terminals, 16-14 AWG	45
19044-0032	USA	Non-insulated #10 Ring Tongue Terminals, 16-14 AWG	45
19044-0066	USA	Non-insulated #6 Ring Tongue Terminals, 22-18 AWG	45
19044-0152	USA	Non-insulated #6 Ring Tongue Terminals, 16-14 AWG	45
19044-0158	USA	Non-insulated 1/4" Ring Tongue Terminals, 16-14 AWG	45
19069-0209	USA	Non-insulated #10 Ring Tongue Terminals, 12-10 AWG	45
19069-0219	USA	Non-insulated 1/4" Ring Tongue Terminals, 12-10 AWG	45
19069-0241	USA	Non-insulated 3/8" Ring Tongue Terminals, 12-10 AWG	45
19140-0035	USA	Non-insulated #6 Block Spade Terminals, 22-18 AWG	45
19140-0036	USA	Non-insulated #8 Block Spade Terminals, 22-18 AWG	45
19140-0037	USA	Non-insulated #10 Block Spade Terminals, 22-18 AWG	45
19140-0090	USA	Non-insulated #6 Block Spade Terminals, 16-14 AWG	45
19140-0091	USA	Non-insulated #8 Block Spade Terminals, 16-14 AWG	45
19140-0093	USA	Non-insulated #10 Block Spade Terminals, 16-14 AWG	45
19141-0085	USA	Non-insulated #10 Block Spade Terminals, 12-10 AWG	45
19189-0002	USA	Non-insulated Butt Splice Connector Terminals, 22-18 AWG	45
19189-0008	USA	Non-insulated Butt Splice Connector Terminals, 16-14 AWG	45
19189-0015	USA	Non-insulated Butt Splice Connector Terminals, 12-10 AWG	45
CT-4071-1R^	Taiwan	Universal Hand Crimping Tool, 22-10 AWG	1

^ =Tool Provided by Waldom

Recommended Molex Tool(s) for Part No. 76650-0038*

Molex Part No.	Country of Origin	Description
64003-0100 *	USA	Hand Crimp Tool (RHT-1992)
64003-1200 *	USA	Hand Crimp Tool (RHT-1752)

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

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