

Datasheet for 76650-0031

General Information

Kit Part Number:	76650-0031
Connector Type:	Solderless Terminals
Solution:	Maintenance, Repair and Operation Connectors
Molex Family:	Solderless Terminals
Certificates:	N/A
Country of Origin:	Kit assembled in U.S.A

Specifications

Insulation:	Non-Insulated, PVC
Mounting Style:	Non-Mounted
Orientation:	Assorted Quick Disconnect Terminals
Product/Type:	Assorted Terminals
Stud/Tab Size:	# 10, # 6, .250" (6.35mm)
Tool Included:	Yes
Wire Gauge (AWG):	16-14 , 22-18

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

- 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 Spades 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

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

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Bill of Materials

Molex Part No.	Description	Quantity
19017-0037	Insulated 6.35mm (.250") Female Quick Disconnect Terminal, 16-14 AWG	40
19023-0012	Insulated 6.35mm (.250") Male Quick Disconnect Terminal, 16-14 AWG	40
19054-0035	Insulated #6 Ring Tongue Terminal, 22-18 AWG	40
19054-0039	Insulated #10 Ring Tongue Terminal, 22-18 AWG	40
19054-0081	Insulated #6 Ring Tongue Terminal, 16-14 AWG	40
19054-0113	Insulated #10 Ring Tongue Terminal, 16-14 AWG	40
19119-0004	Insulated #6 Flanged Block Spade Terminal, 22-18 AWG	40
19130-0044	Insulated #6 Block Spade Terminal, 16-14 AWG	40
19130-0046	Insulated #10 Block Spade Terminal, 16-14 AWG	40
19154-0004	Insulated Butt Splice Connector, 22-18 AWG	40
19154-0015	Insulated Butt Splice Connector, 16-14 AWG	40
19160-0002	Insulated Nylon Closed-end Connector, 16-14 AWG	40
CT-4071-1R	Universal Hand Crimping Tool, 22-10 AWG	1

Recommended Molex Tool

Molex Part No.	Description
CT-4071-1R (included in kit)	No Additional Information
64001-0100 (not included in kit)	Click for more info