

## Datasheet for 76650-0024

### General Information

<b>Part Number:</b>	76650-0024
<b>Manufacturer:</b>	Molex / Waldom
<b>Title:</b>	ESE Terminal Block Kit
<b>Description:</b>	Pluggable PCB Vertical and Horizontal Header and Plug
<b>Product Family:</b>	Eurostyle™ Pluggable
<b>Certificates:</b>	(Molex Parts within this kit) - EU and China RoHS Compliant, UL and CSA
<b>Country of Origin:</b>	Kit assembled in U.S.A.

### Specifications

<b>Design</b>	
<b>Configuration:</b>	Wire-to-Board
<b>Pitch:</b>	5.08mm (.200")
<b>Connector Type:</b>	Pluggable (two-piece) Terminal Blocks
<b>Entry Angle / Orientation:</b>	Horizontal and Vertical
<b>Circuit Sizes:</b>	2, 3, 4, 6 and 8
<b>Current Rating:</b>	15 Amps
<b>Voltage:</b>	300 Volts
<b>Wire size:</b>	26-12 AWG

### Product Highlights

ESE terminal blocks provide economic benefits and enhance Molex's existing Eurostyle terminal block offering. A wiring technique that is attractive for marketing requirements, as well as, easy for users to access, can greatly improve the success of end products that use power terminal blocks.

#### Features and Benefits

- Fixed or pluggable product styles allow for maximum design flexibility
- Captive screws in all terminal blocks mean that screws will not back out of housing or mounting ends

#### Applications

- Power Distribution
- Factory and Process Automation
- HVAC
- Security Systems
- Elevators
- Irrigation Systems
- Measurement and Control Systems

**For additional Molex / Waldom Design and Solution kits please go to [www.molexkits.com](http://www.molexkits.com)**

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**Bill of Materials for Part No. 76650-0024**

<b>Molex Part No.</b>	<b>Country of Origin</b>	<b>Description</b>	<b>Quantity in Kit</b>
39530-0002	China	2 Way ESE Horizontal Plug 0.200" Terminal Block	3
39530-0003	China	3 Way ESE Horizontal Plug 0.200" Terminal Block	3
39530-0004	China	4 Way ESE Horizontal Plug 0.200" Terminal Block	3
39530-0005	China	5 Way ESE Horizontal Plug 0.200" Terminal Block	3
39530-0006	China	6 Way ESE Horizontal Plug 0.200" Terminal Block	3
39530-0008	China	8 Way ESE Horizontal Plug 0.200" Terminal Block	2
39531-1002	China	2 Way ESE Vertical Header 0.200" Terminal Block	3
39531-1003	China	3 Way ESE Vertical Header 0.200" Terminal Block	3
39531-1004	China	4 Way ESE Vertical Header 0.200" Terminal Block	3
39531-1005	China	5 Way ESE Vertical Header 0.200" Terminal Block	3
39531-1006	China	6 Way ESE Vertical Header 0.200" Terminal Block	3
39531-1008	China	8 Way ESE Vertical Header 0.200" Terminal Block	2
39532-1002	China	2 Way ESE Horizontal Header 0.200" Terminal Block	3
39532-1003	China	3 Way ESE Horizontal Header 0.200" Terminal Block	3
39532-1004	China	4 Way ESE Horizontal Header 0.200" Terminal Block	3
39532-1005	China	5 Way ESE Horizontal Header 0.200" Terminal Block	3
39532-1006	China	6 Way ESE Horizontal Header 0.200" Terminal Block	3
39532-1008	China	8 Way ESE Horizontal Header 0.200" Terminal Block	2
39533-2002	China	2 Way ESE Vertical Plug 0.200" Terminal Block	3
39533-2003	China	3 Way ESE Vertical Plug 0.200" Terminal Block	3
39533-2004	China	4 Way ESE Vertical Plug 0.200" Terminal Block	3
39533-2005	China	5 Way ESE Vertical Plug 0.200" Terminal Block	3
39533-2006	China	6 Way ESE Vertical Plug 0.200" Terminal Block	3
39533-2008	China	8 Way ESE Vertical Plug 0.200" Terminal Block	2

**No Recommended Molex Tool for Part No. 76650-0024**