Chipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

Datasheet for 76650-0180

General Information

Part Number:	76650-0180
Manufacturer:	Molex / Waldom
Title:	Euro Style Terminal Block Kit
Description:	High Power Fixed Mount PCB Single Row Vertical Term Block, 60A 300V
Product Family:	Beau™ Eurostyle™ Fixed Mount
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-Board
Pitch:	10.16mm (.400")
Connector Type:	Fixed (single-piece) Terminal Blocks
Entry Angle:	Horizontal
Circuit Sizes:	2, 3, 4 and 6
Current Rating:	60 Amps
Voltage:	300 volts
Wire size:	10 - 8 AWG

Product Highlights

Design engineers are looking to bring more power directly to the PCB, instead of using other costly and time-consuming methods, such as ring cable lugs or customized DIN-rail terminal blocks.
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. Molex offers the most complete line-up of high-power terminal blocks in the industry.

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

molexkits.com
the connector kit specialist

Datasheet for 76650-0180

Features and Benefits	Applications
• Rising cage clamp wire termination provides secure, reliable contact • Multiple PCB terminals distribute power more evenly, reducing "hot spots" • Combination slotted/posi drive screw heads improve transmission of torque for superior wire retention • Extended wire funnel entry surrounds the wire insulator, eliminating exposed wire strands and possible shorting • High temperature housing to withstand lengthy solder pre-heat conditions	• Industrial Applications • AC drives • Motor controls • Power controllers • Power converters • Audible/visual warning systems • Spa controls • Solar power • Fuel cells

Bill of Materials for Part No. 76650-0180

Molex Part No.	Country of Origin	Description	Quantity in Kit
39970-0102	Mexico	2 Circuit, 10.16mm (.400") Beau™ Eurostyle™ Fixed Mount PCB Terminal Block, 60A	3
39970-0103	Mexico	3 Circuit, 10.16mm (.400") Beau™ Eurostyle™ Fixed Mount PCB Terminal Block, 60A	2
39970-0104	Mexico	4 Circuit, 10.16mm (.400") Beau™ Eurostyle™ Fixed Mount PCB Terminal Block, 60A	1
39970-0106	Mexico	6 Circuit, 10.16mm (.400") Beau™ Eurostyle™ Fixed Mount PCB Terminal Block, 60A	1

No Recommended Molex Tool for Part No. 76650-0180

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