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Product Catalog for Electronic Specialty Markets › 3M™ Terminals, Kits & Tools › Forks › Highland™ Block Fork Terminals - Vinyl Insulated Butted Seam ›

Printer-friendly format

3M™ Highland™ Block Fork Vinyl Insulated BFV10-8Q, 12-10 AWG, 25 per bag

This terminal accepts a 8 stud size, and has case quantities of 25.

GTIN(UPC/EAN) : 0 00 54007 70450 8
3M Id : 80-6105-8963-4

Additional Information

This block fork has the same strength as the standard fork, but is designed to use in a terminal block because its sides lie flat against the barrier portion of the terminal block.

Learn More . . .

Packaging Data
Highland BFV18-6 - BFV10-10 Term - Data Sheet (PDF 19.3 K)
Highland™ Block Forks - Vinyl Insulated - Product Selection Guide (PDF 8.1 K)
Terminal Stud Size Chart - Product Selection Guide (PDF 5.2 K)

Please Note:
Adobe® Acrobat® Reader is required to view PDF documents.

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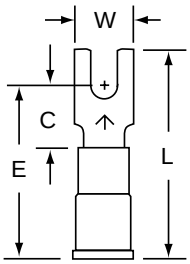
Characteristics

Agency Approvals	UL and CSA
Barrel Style	Butted
China RoHS - Below MCV	No
CSA File Number	LR22190
EU RoHS Compliant	No
Insulation Material	Vinyl
Stud Size	8 American Wire Gauge (AWG)
Terminal Style	Block
Terminal Type	Fork

UL File Number	E23438
Wire Gauge Range	10 to 12 American Wire Gauge (AWG)

Highland™ Terminals



BFV10-6 thru BFV18-10
Block Fork, Vinyl Insulated, Butted Seam

Data Sheet

Product Number	Wire Range (AWG)	Stud Size	W	C	L	E	Thickness	Barrel Length	Barrel I.D.	Maximum Insulation Diameter
BFV10-6	12-10	6	0.32	0.29	1.03	0.84	0.040	0.25	0.135	0.250
BFV10-8	12-10	8	0.32	0.29	1.03	0.84	0.040	0.25	0.135	0.250
BFV10-10	12-10	10	0.32	0.29	1.03	0.84	0.040	0.25	0.135	0.250
BFV14-6	16-14	6	0.25	0.25	0.85	0.70	0.030	0.25	0.090	0.170
BFV14-8	16-14	8	0.30	0.25	0.85	0.70	0.030	0.25	0.090	0.170
BFV14-10	16-14	10	0.30	0.25	0.85	0.70	0.030	0.25	0.090	0.170
BFV18-6	22-18	6	0.25	0.25	0.85	0.70	0.030	0..25	0.070	0.145
BFV18-8	22-18	8	0.30	0.25	0.85	0.70	0.030	0.25	0.070	0.145
BFV18-10	22-18	10	0.30	0.25	0.85	0.70	0.030	0.25	0.070	0.145

UNDERWRITERS LABORATORIES
STANDARD NO. UL 486A
3M FILE NO. E23438

CANADIAN STANDARDS ASSOCIATION
STANDARD NO. C22.2 NO. 0. 65
3M FILE NO. LR22190

Specifications

Wire Size:	See Table Above
Barrel Seam:	Butted
Max. Voltage Rating:	600 V Building Wire 1000 V Signs, Fixtures and Luminaires
Max. Temperature Rating:	221˚F (105˚C)
Max. Current:	Same as Wire
Insulator Material:	Vinyl
Terminal Material:	ETP Copper
Plating:	Tin

Installation Information

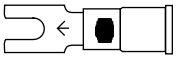
⚠WARNING

Turn power off before installing or removing terminal. All electrical work should be done according to appropriate electrical codes.

UL Listed and CSA Certified for use on stranded copper (AWG) wire only.

Strip away the end 3/8 inch of wire insulation.

Make the crimp in the proper station of a recommended 3M crimp tool: TH-440, TH-450 (scissor style), or TR-490 (ratchet style) hand tools.



Barrel Crimp (Electrical)

Engineering Specification

Crimp-type terminals shall, electrically and mechnically, connect to a pre-stripped end of a stranded copper wire: and have a flat tongue portion with a central opening for mounting around a screw or stud.

The terminal line shall offer tongue variations in hole (stud) size (6, 8 10, etc.) and configuration (ring, fork, block fork, flanged block fork, locking fork, etc.): and barrel variations in wire (AWG) size (22-18, 16-14, 12-10, etc.) and construction (non-insulated brazed seam, vinyl insulated butted seam, nylon insulated with insulation grip, etc.). The terminal line shall have regulatory agency coverage (UL Listing, CSA Certification). The terminal tongue shall be marked with the wire range and manufacturer's symbol (↑).

The vinyl-insulated, butted seam block fork terminal shall be tin-plated, annealed copper, with the tongue having a specified stud slot (size 6 thru 10) and a butted seam barrel covered by a molded vinyl funnel entry sleeve, color coded and sized, for a specified (AWG) wire range (22-18, 16-14, 12-10).

Insulated terminals shall be UL Listed and CSA Certified for 600 Volts maximum building wire: 1000 Volts maximum in signs, fixtures and luminaries and have a maximum operating temperature of 221°F (105°C).

3M

Electrical Products Division

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http://www.3M.com/elpd

Litho in USA.