

**B Series** 16 Amps 600 Vac

**Pos-E-Kon™**

6, 10, 16, 24, 32, 48 Contacts + Ground

<b>6</b>	<b>10</b>	<b>16</b>
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Install to  
Matching Series  
Hood/Base



Screw Terminal Inserts		6 + G	10 + G	16 + G
	<b>Male – Pins</b> 20-14 AWG (0.5-2.5 mm <sup>2</sup> )	MS206B	MS210B	MS216B
	<b>Female – Sleeves</b> 20-14 AWG (0.5-2.5 mm <sup>2</sup> )	FS106B	FS110B	FS116B

Wiring Adapter Insert for use with Panel Bases; allows single access direction panel-build wiring + easy terminal ID for service & testing.

Accessories:	Catalog No.
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Label Insert Clip	WAM-1
Strip blank	WAM1B
Strip Nos. 1-64	WAM1N64
Strip Letters A - Z	WAM1AZ

Screw Terminal Wiring Adapter Blocks		6 + G	10 + G	16 + G
	<b>Male Insert, Ground L.</b> 20-14 AWG (0.5-2.5 mm <sup>2</sup> )	MS206WAL	MS210WAL	MS216WAL
	<b>Male Insert, Ground R.</b> 20-14 AWG (0.5-2.5 mm <sup>2</sup> )	MS206WAR	MS210WAR	MS216WAR
	<b>Female Insert, Ground L.</b> 20-14 AWG (0.5-2.5 mm <sup>2</sup> )	FS106WAL	FS110WAL	FS116WAL
	<b>Female Insert, Ground R.</b> 20-14 AWG (0.5-2.5 mm <sup>2</sup> )	FS106WAR	FS110WAR	FS116WAR
	<b>Foot Element mounting adapter for DIN rail</b>	FE807TB 2 each needed	FE807TB 2 each needed	FE807TB 2 each needed

Crimp Terminal Inserts		6 + G	10 + G	16 + G
	<b>Male Insert</b> (Order contacts below)	MC406B	MC410B	MC416B
	<b>Female Insert</b> (Order contacts below)	FC306B	FC310B	FC316B



Use small blade screwdriver to push wire entry tab in for EZ contact removal.



Contacts Selection			For all Crimp Terminal "B" Inserts	
Crimp Contacts	Wire AWG (mm <sup>2</sup> )	Identification	Female	Male
	20 AWG (0.5 mm <sup>2</sup> )	No Groove	FP2000	MP2000
	18 AWG (0.75-1 mm <sup>2</sup> )	1 Groove	FP1800	MP1800
	16 AWG (1.5 mm <sup>2</sup> )	2 Grooves	FP1600	MP1600
	14 AWG (2.5 mm <sup>2</sup> )	3 Grooves	FP1400	MP1400
	12 AWG (4.0 mm <sup>2</sup> )	No Groove	FP1200	MP1200

Allows use of "open" interiors as separable barrier terminal blocks for panel assemblies – or can be used as OEM wiring assembly fixture.

Accepts any Terminal Insert to same series.

DIN Rail Adapter Mount Frames		6 + G	10 + G	16 + G
	125 mm long, with base for snapping onto DIN rail	AMF006	AMF010	AMF016
	150 mm long, with base for snapping onto DIN rail	AMF106	AMF110	AMF116
	150 mm long, with base for TWO inserts	AMF112	-	-

**Thomas & Betts**

## Customer Benefits



T Series



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## Pos-E-Kon™

Heavy Duty Multi-Circuit  
Rectangular Industrial  
Connectors

### Quality Systems, Quality Parts

DIN EN ISO 9001 Systems.

### Approvals:

DIN, IEC, VDE, UL, and CSA  
for world use.

### Space Saving

Maximum circuits in minimum  
space – shaped to fit panels  
and machines.

### Quick & Easy Housing Connections

Unique roller locking double  
lever handles.

### Sealed Connections

Neoprene or HT-Viton housing  
assembly seals to IP65 for  
washdown duty.

### Wiring In Any System

Standard NPT fittings provided,  
with many other cable or  
conduit entry options available.

### Any Access Needed

Top, side and custom options,  
including ribbon cable.

### Rough Service, Tough Duty

Die cast housings with hard-  
shell powder-coat finish.

### Easy Circuit Location

Hot-stamped contact positions  
and catalog numbers.

### Performance Plus

Standard (125°C) and 200°C  
interiors available.

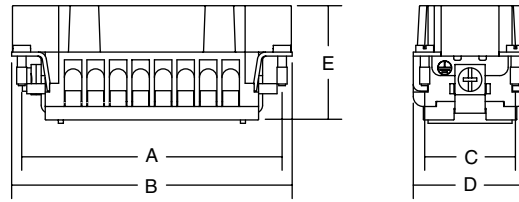
### Wiring Your Way

Standard Screw Terminal and  
Crimp Terminal Inserts, with  
Fiber Optic and other contacts  
also available.

# Dimensions

# Pos-E-Kon™

## Mounting Dimensions for Screw and Crimp Terminal Inserts



INSERT SERIES					MATING	DIMENSIONS ARE IN INCHES / (MILLIMETERS)				
A, B, T, K	C, V	D	DD	M		A	B	C	D	E
A3, A4					BOTH	–	.83 / (21)	–	.83 / (21)	.98 / (25)
		D7, D8			FEMALE	–	.83 / (21)	–	.83 / (21)	1.25 / (31.8)
					MALE	–	.83 / (21)	–	.83 / (21)	1.19 / (30.2)
A10		D15			FEMALE	1.95 / (49.5)	2.22 / (56.5)	.63 / (16)	1.34 / (34)	1.14 / (29)
					MALE	1.95 / (49.5)	2.22 / (56.5)	.63 / (16)	1.34 / (34)	1.26 / (32)
A16		D25			FEMALE	2.60 / (66)	2.87 / (73)	.63 / (16)	1.34 / (34)	1.14 / (29)
					MALE	2.60 / (66)	2.87 / (73)	.63 / (16)	1.34 / (34)	1.26 / (32)
A32		D50			FEMALE	2.60 / (66)	2.87 / (73)	.63 / (16) x 2	1.34 / (34)	1.14 / (29)
					MALE	2.60 / (66)	2.87 / (73)	.63 / (16) x 2	1.34 / (34)	1.26 / (32)
B6, T6			DD24	M2	FEMALE	1.73 / (44)	2.01 / (51)	1.063 / (27)	1.34 / (34)	1.46 / (37)
					MALE	1.73 / (44)	2.01 / (51)	1.063 / (27)	1.34 / (34)	1.38 / (35)
B10, T10	V3		DD42	M3	FEMALE	2.24 / (57)	2.52 / (64)	1.063 / (27)	1.34 / (34)	1.46 / (37)
					MALE	2.24 / (57)	2.52 / (64)	1.063 / (27)	1.34 / (34)	1.38 / (35)
B16, T16	C6, V6	D40	DD72	M5	FEMALE	3.05 / (77.5)	3.33 / (84.5)	1.063 / (27)	1.34 / (34)	1.48 / (37.5)
					MALE	3.05 / (77.5)	3.33 / (84.5)	1.063 / (27)	1.34 / (34)	1.40 / (35.5)
B24, T24, K12	V10, V16	D64	DD108	M7	FEMALE	4.09 / (104)	4.37 / (111)	1.063 / (27)	1.34 / (34)	1.48 / (37.5)
					MALE	4.09 / (104)	4.37 / (111)	1.063 / (27)	1.34 / (34)	1.40 / (35.5)
B32	C12	D80	DD144		FEMALE	3.05 / (77.5)	3.33 / (84.5)	1.063 / (27) x 2	1.34 / (34)	1.48 / (37.5)
					MALE	3.05 / (77.5)	3.33 / (84.5)	1.063 / (27) x 2	1.34 / (34)	1.40 / (35.5)
B48, K24	V20, V26, V32	D128	DD216		FEMALE	4.09 / (104)	4.37 / (111)	1.063 / (27) x 2	1.34 / (34)	1.48 / (37.5)
					MALE	4.09 / (104)	4.37 / (111)	1.063 / (27) x 2	1.34 / (34)	1.40 / (35.5)

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