

Pos-E-Kon®

Pos-E-Kon® Wire Pin & Sleeve Connectors

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Pos-E-Kon® Wire Pin & Sleeve Connectors

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Thomas & Betts

www.tnb.com

Overview

The FAQs about Pos-E-Kon® Interconnects: The Most Frequently Asked Questions and Answers — for Pos-E-Kon Customers

International Standards, Worldwide Use

Why?

Rectangular Circuit Interconnections

- Best use of space for multiple contacts in heavy-duty housings
- Easy to assemble with many different insert options
- Best fit for easy access in panels, machinery and enclosures
- Sealed connector with quick disconnect handles
- Wide variety of circuit possibilities from standard items
- Solid or stranded wire in fixed or portable use

Who?

- Machine tool OEMs
- Material handling equipment OEMs
- Robotics systems OEMs and installations
- Packaging machinery OEMs and facilities
- Control panels and PLC systems
- Molding, assembly or line machinery OEMs and facilities
- Construction, mining and welding apparatus
- Carnival applications

What?

- Servo controls
- Sensing and feedback loops
- Conveyor and process controls
- Low power, DC or logic systems
- Combination power, system and other circuits
- Modular controls including fiber-optic connections



Where?

Worldwide agency approvals and applications

- DIN VDE 0627/86, 0110/02.79, and 0110-1/04.97
- IEC 60.664-1, DIN/IEC 512
- UL Recognized (E215386) and CSA Certified
- Protection classes IP44 through IP65 per IEC 529
- Component use in CE marked equipment OK per IEC Council Directive July 1999, 73/23/EEC
- Available from Thomas & Betts – POS-E-KON authorized distributors
- T&B sales representatives and agents worldwide

Overview

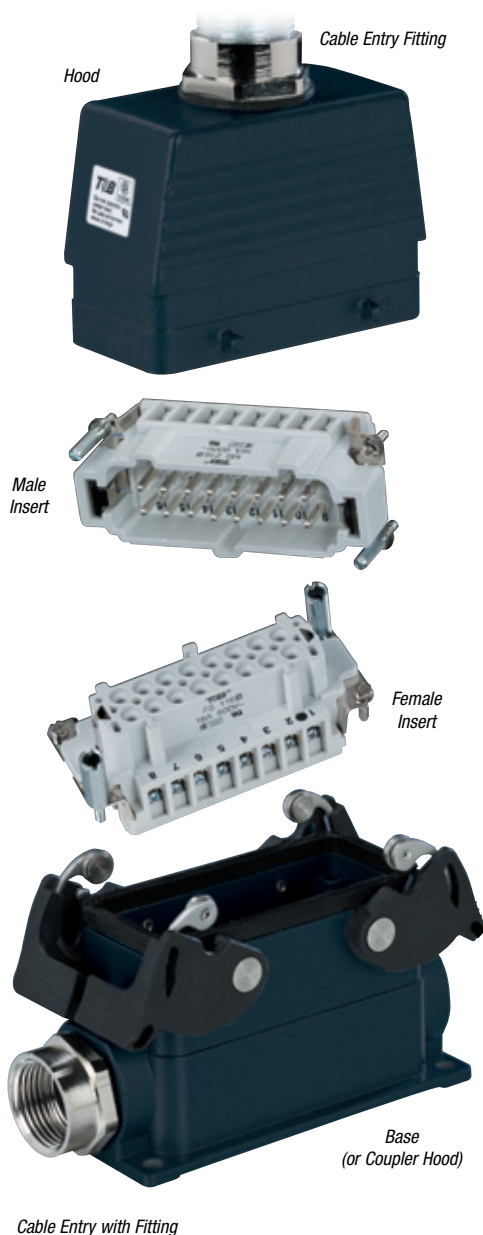
The Basic System: Build an Application

Step 1 – Maximum voltage and amperage requirements (300V or 600V classes, 10–80 amps).

Step 2 – Number of contacts or circuits needed.

Step 3 – Choose wire terminations style; screw terminal or crimp contacts. Select series from charts.

Step 4 – Base (or coupler) and hood construction/mating selection per series (single or double levers).



As Easy As 1. 2. 3. 4.

1. Hood:

- Separable housing for inserts
- Top or side conduit/wire entry
- Standard locking posts, dual or single
- Locks to Panel Base, Box Base or inline Coupler Hood

2. Base Housing (or Coupler Hood):

- Surface wall-mount box base (shown)
- Panel Base for through-panel access
- Coupler Hood mating for portable use
- Single or dual “lever” locking

3. Male Insert

- Male contact carrier body
- Screw terminal contacts (pins with wire protection saddles) or crimp terminated pins

4. Female Insert

- Female contact carrier
- Screw terminal contacts (sleeves with wire protection saddles) or crimp terminated sleeves

DIN Standard Configurations

- Most inserts and housings are interface compatible with other DIN standard lines. Verify physical application before selecting cross reference.
- Pos-E-Kon® construction includes standard NPT conduit adapters for hoods and bases, with many options available. DIN standard Hoods and Bases may have “Euro Style” PG fittings (or none) included unless specially ordered.

Overview

Pos-E-Kon Insert Selector Chart

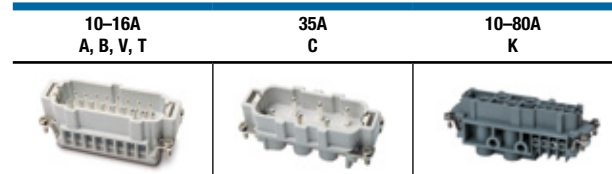
- S – Screw Terminals
- C – Crimp Contacts
- F – Fiber Optic (POF)
- A – Terminal Block Wiring Adapter

Select the # of contacts — all inserts have separate ground contacts

AMPS	VOLTS	SERIES	3	4	6	7	8	10	12	15	16	20	24	25	26	32	40	42	48	50-216
10	50	D					C, F													
10	600	A	S	S																
16	600	A						S, C			S, C					S, C				
16	600	B			S, C, A			S, C, A			S, C, A		S, C, A			S, C			S, C	
35	600	C			S				S											
10	600	D					C, F			C, F							C, F, A			C, F, A (64)
10	600	DD											C, F					C, F		C, F
80/16	600	K		S			S	4 or 8 Power (80A alone or with 8 or 16 Control (16A) Combination Inserts												
16-T	600	T			S			S			S		S		High Temp (200° C)					
316-V	600	V	S, C		S, C			S, C			S, C	S, C			S, C	S, C	Includes 2 Pilot Contacts			

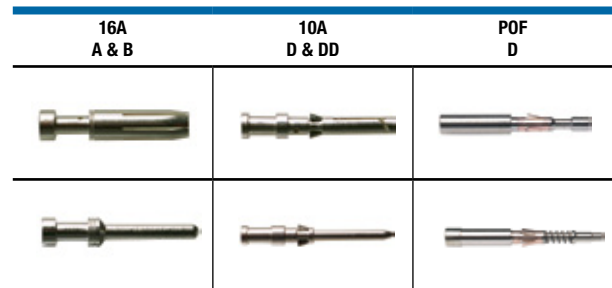
Screw Terminal/Insert Types (Integral Contacts)

Screw termination is used for ease of assembly plus ease of maintenance. No tooling beyond a screwdriver and wire strippers is required.



Crimp Terminal/Insert Types (Crimp Contacts)

Crimp terminals offer solid, thermally cool vibration-resistant terminations for OEM equipment and critical applications. Better for smaller AWG sizes also. Crimp tools are noted in each section.

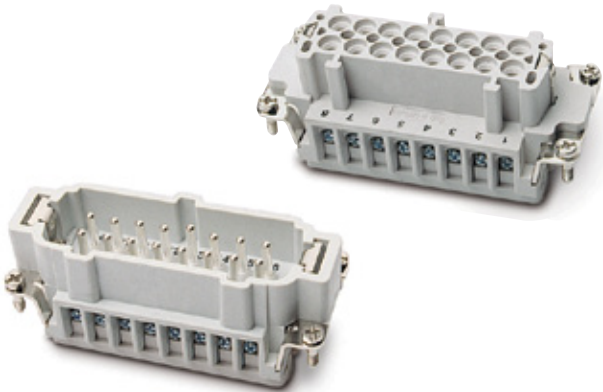


All crimp types represented require contacts ordered separately. Each section contains hand crimp tool selection notes.

Overview

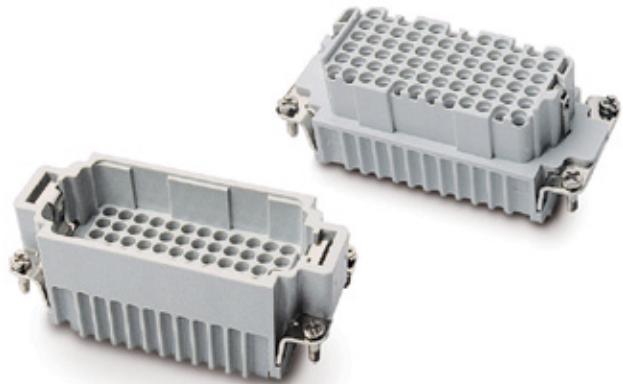
Screw Terminal Inserts

- Integral screw terminal contacts provide for easy terminal wiring and fast assembly
- Standard wire protection saddles prevent cutting of strands during assembly



Crimp Terminal Inserts

- Provides reliable connections for long-term configurations
- Contact sizes accommodate wiring from 12–20 AWG



- Made of durable glass fiber-filled thermoplastic
- Contact numbers clearly marked for easy identification
- Easily installed (male or female) in either hoods or bases using captive mounting screws

WAR, Right Ground Strap WAL, Left Ground Strap

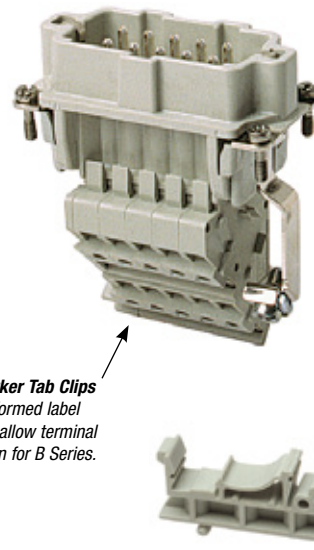
Terminal Block Wiring Adapters

- Allows for measuring of circuit while in operation
- Provide easy connections in panel mounting configurations
- Labels available for easy identification of circuits
- Can be mounted on DIN rails by using snap-on mounting feet
- Used in switch cabinets, panel enclosures or mounted in panel base housings — see B and D series

Insert Strip Blank – WAM1B

Insert Strip Nos. 1–64 – WAM1N64

Insert Strip Letters A–Z – WAM1AZ



WAM1 Marker Tab Clips
Snap-in formed label holder tabs allow terminal identification for B Series.

DIN Mounting Foot FE807TB

Overview

Hood and Base Housings

- **Rugged cast aluminum hoods and bases:** Maximum performance in many operating conditions
- **Various hood heights available:** Easier assembly and wiring with low, high and standard profiles
- **Corrosion-resistant finishes:** Optional special materials extend life in corrosive conditions
- Locking possibilities include **single locking** system and **double locking** system
- **Complete selection:** Flexible product designs (see Hood/Base Cross Reference below)
- **Dust covers and more:** See Adapters (**page G-113**) and Covers (**page G-112**) or Bases with Covers available in most series (Accessories, **page G-154**)
- **Custom configurations:** Multiple conduit entry/sizes and other configurations available to spec

Cross Reference — Inserts

AMPS	VOLTS	SERIES	A4	A10	A16	AA32	B6	B10	B16	B24	B32	B48
Series Application			Standard Hood/Base Housing									
10A	50	D	D8									
10A	600	A	A3, A4									
16A	600	A		A10	A16	A32						
16A	600	B					B6	B10	B16	B24	B32	B48
35A	600	C							C6		C12	
10A	600	D	D7	D15	D25	D50			D40	D64	D80	D128
10A	600	DD					DD24	DD42	DD72	DD108	DD144	DD216
80/16A	600	K								K4/8		K8/16
Series Application			Special Series Hood/Base Housing									
16A-T*	600	T					T6	T10	T16	T24		
16A-V**	600	V						V3	V6	V10		V32

* Special high-temperature series in copper-free aluminum with special green epoxy powder coat, Viton® seals.†

** Special isolation design allows additional control circuit capability.

† Viton® is a trademark of DuPont Performance Elastomers.



Box Base



Top Cable Entry



Box Base Housing with single lever and spring cover. Metal spring covers available for B series, where noted.



Panel Base

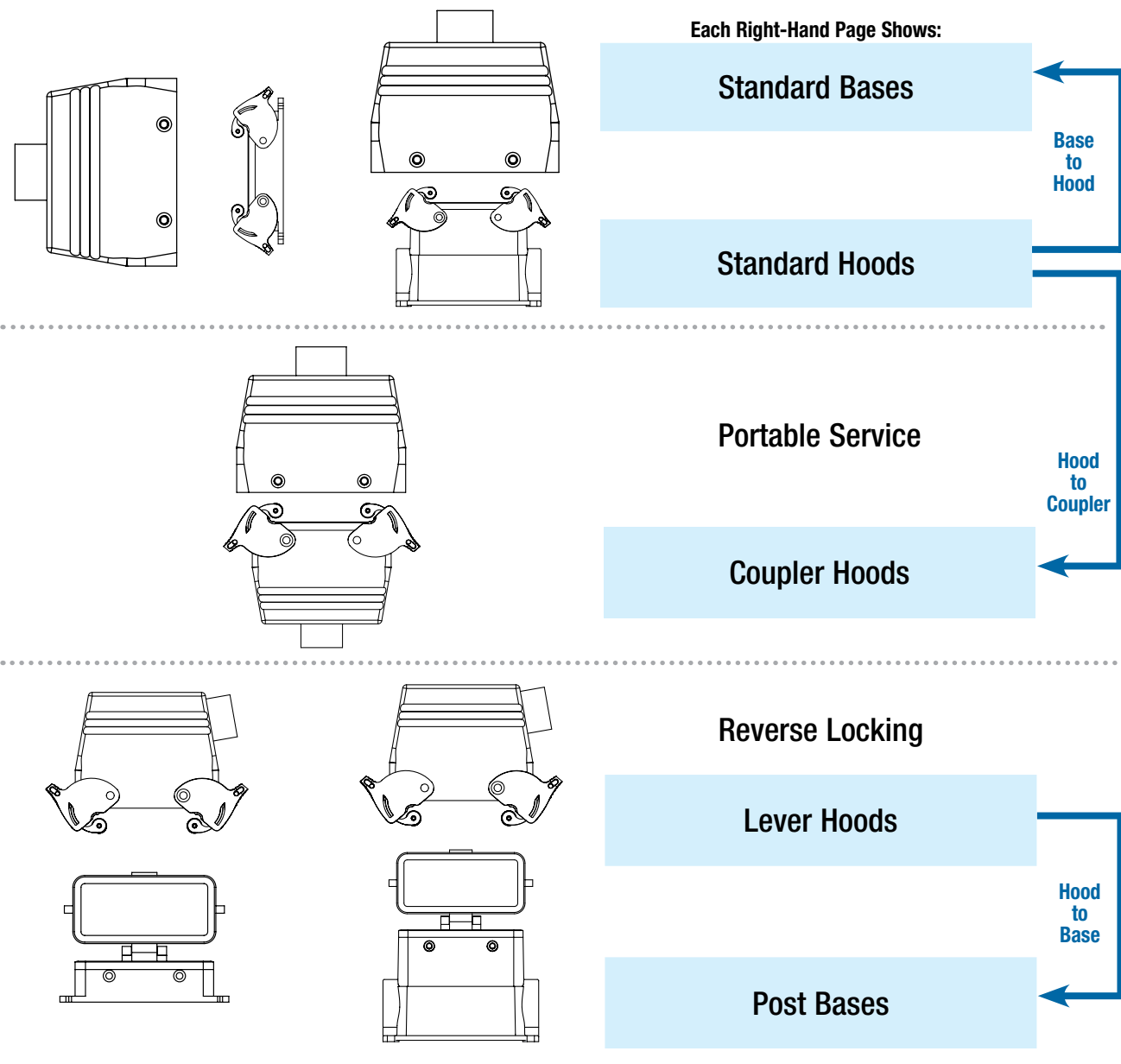


Side Cable Entry

Overview

1. Select size (# of contacts) from each series' section left-hand page chart (selected inserts), then look at corresponding right-hand page columns.
2. Vertical columns note single or double locking systems available (double locking usually preferable).
3. Select base housings for mounting and/or function: conduit/cable entry, thru-panel access, inline coupler or reversed locking as shown. (Note profile height options.)
4. Select side or top entry hoods as shown. (Note profile height options.)
5. Review conduit and cable entry options (standard NPT adapter sizes for each series).

Note: M Series (layout) groups interior options, followed by base selection options.



Overview

Sub-Miniature (DB) Adapter Plates

- Connect test and diagnostic equipment to control circuits
- Panel base, box housing base or any hood installation (ribbon cable — entry hoods available)
- Industry standard sizes
- Dust covers for protection recommended
- 9, 15, 25, 37 and 50 series



B24 Insert Mounting Adapter Plates

- Allows housing standardization for multiple applications
- B24 footprint fit to single B6, B10, B16 inserts
- Rugged thermoplastic
- Fits standard B24 Hoods and Bases



B24 Insert Mounting Adapter Plates

- Allows custom connections for drill-and-install work
- Blank plate for expansion
- All standard Hood/Base sizes supported

Dust Covers & Hinged Covers

(thermoplastic) (thermoplastic or metal)

- Separate covers or fixed-mount hinged types
- Metal fixed-mount hinged covers for B series bases available in select sizes
- Separate or fixed covers protect contacts when not in use or while unmated



Overview

Wire and Cable Entry Options

Portable Service Cord

- Sheathed industrial multi-conductor cables usage
- Options cover many installation needs
- Special constructions available for retrofit or original specification
- Hoods and Bases may be specified (in bulk volumes)
- Euro standard gland seal also available



Cable Compression Seal Fitting



Euro Gland Seal

Standard NPT Conduit Adapters

- Euro PG to NPT thread adapters (PG male to NPT female)
- Standard on all Pos-E-Kon Hoods and Bases
- Available separately for MRO
- Sizes from (PG11 to 1/2") through (PG48 to 1 1/2") NPT



Cord Grip Fittings

- Both NPT and PG thread styles
- Thermoplastic sealing glands in NPT, PG and ISO threads — for retrofit or original specification
- More options than shown are available (shown in gray; black also available)



Pos-E-Kon® Advantages

- Feature: Ergonomic thermoplastic levers for "B" series double-lever housings B10–B24
- Benefits: Non-slip comfortable grip for easier locking and unlocking
- Feature: Laser-etched labeling for all metal housings and hot-stamped labeling on contact carrier inserts
- Benefits: Permanent marking with all data combined in external marking vs. internal label



Overview

Easy-to-use catalog number construction pioneered by Thomas & Betts

Hoods

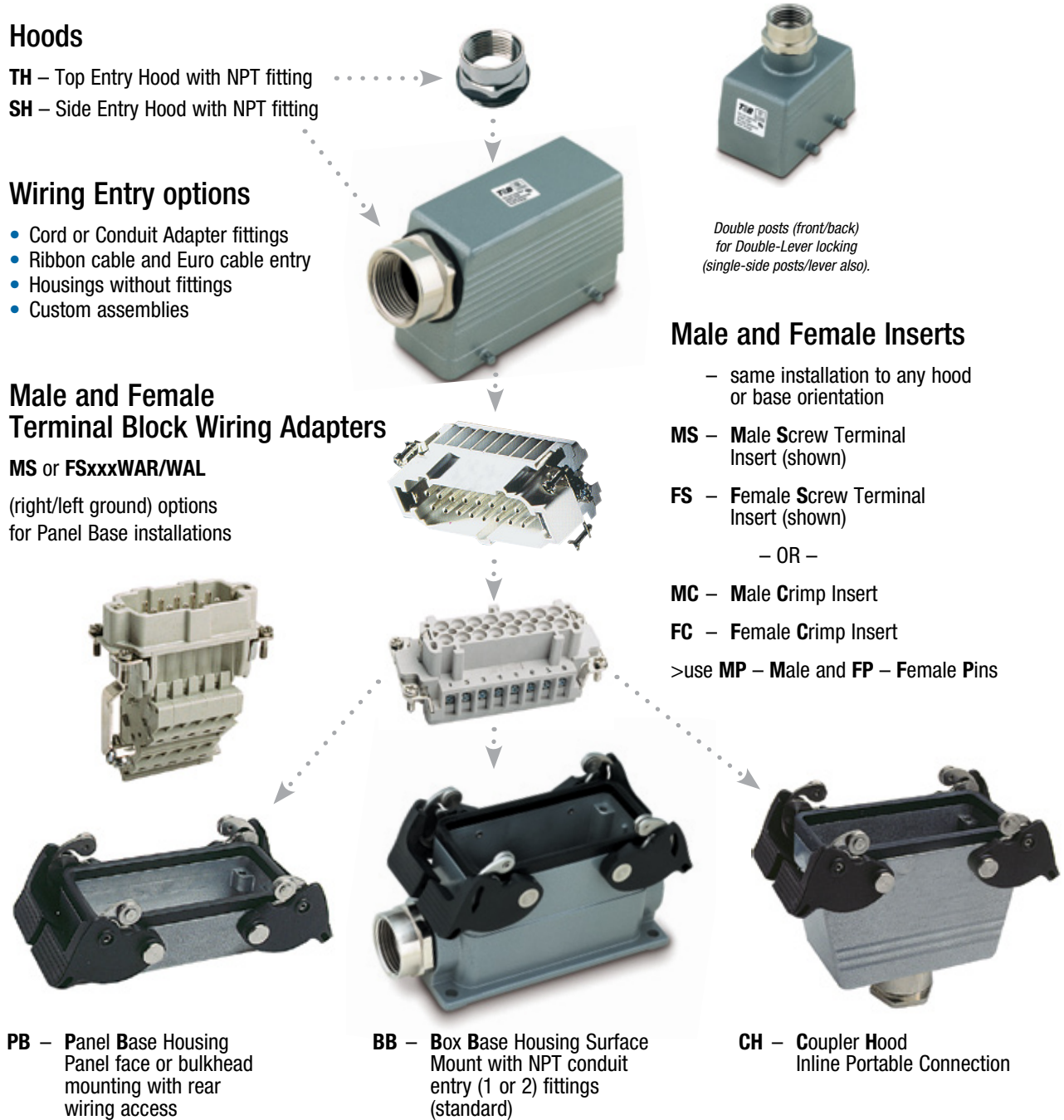
- TH – Top Entry Hood with NPT fitting
- SH – Side Entry Hood with NPT fitting

Wiring Entry options

- Cord or Conduit Adapter fittings
- Ribbon cable and Euro cable entry
- Housings without fittings
- Custom assemblies

Male and Female Terminal Block Wiring Adapters

MS or FSxxxWAR/WAL
(right/left ground) options for Panel Base installations



Double posts (front/back) for Double-Lever locking (single-side posts/lever also).

Male and Female Inserts

– same installation to any hood or base orientation

MS – Male Screw Terminal Insert (shown)

FS – Female Screw Terminal Insert (shown)

– OR –

MC – Male Crimp Insert

FC – Female Crimp Insert

>use MP – Male and FP – Female Pins

PB – Panel Base Housing
Panel face or bulkhead mounting with rear wiring access

BB – Box Base Housing Surface Mount with NPT conduit entry (1 or 2) fittings (standard)






CH – Coupler Hood
Inline Portable Connection

Locking

- Single lever/Single posts or Double lever/Double posts locking
- “Reversed Locking” (levers on hoods) available

Overview

Series Locator

	SERIES	FEATURES	CONTACTS + G	PAGE
	A Series 10A: 3, 4 16A: All others	Small, Compact Size Screw Terminal	3, 4, 10, 16, 32	G-116
	B Series 16A	Standard Size Screw Terminal	6, 10, 16, 24, 32, 48	G-118
	C Series 35A	High-Current Screw Terminal	6 or 12	G-122
	D Series 10A	High-Density Crimp Contacts or Fiber Optic Contacts	7, 8, 15, 25, 40, 50, 64, 80, 128	G-124
	DD Series 10A	Very High-Density Crimp Contacts	24, 42, 72, 108, 144, 216	G-128
	K Series 16A/80A	Combo, High-Current/Std. Current Screw Terminals	16A: 8 + 4 80A: 16 + 8	G-132
	V Series 16A	Control Circuit Contacts and B Style Screw Terminals	3, 6, 20, 26, 32	G-134
	T Series 16A	B Style @ High-Temp 200° C Screw Terminals	6, 10, 16, 24	G-138
	Reference & Accessories	Specs, Dimensions, Components and Fiber Optics		G-140

A Series 16 Amps 600VAC

3 or 4 Contacts + Ground: 10A
 10, 16 & 32 Contacts + Ground: 16A



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

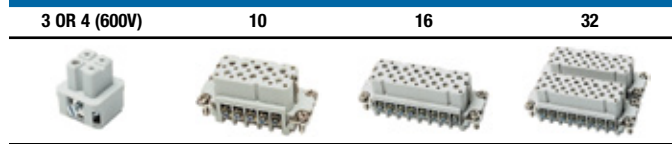


Crimp Tool



CAT. NO.

WT611TB










Install to Matching Series Hood/Base



Screw Terminal Inserts

SCREW TERMINAL INSERTS	3 OR 4 + G	10 + G	16 + G	32 + G
 Male – Pins 20–14 AWG (.5–2.5 mm ²)	MS203A or MS204A (16 AWG max.)	MS210A	MS216A	MS216A+ MS232A
 Female – Sleeves 20–14 AWG (.5–2.5 mm ²)	FS103A or FS104A (16 AWG max.)	FS110A	FS116A	FS116A+ FS132A

A Series 16 Amps 600VAC

Bases — Standard Mount			# of Contacts + Ground Connection				
			3 or 4 (600V)	10	16	32	
SINGLE LEVER	DOUBLE LEVER	HOUSING	NPT ENTRY	LEVER LOCKING TYPE			
				SINGLE	SINGLE	SINGLE	DOUBLE
		Panel Base (No Cover)		PB303A(P) [†]	PB310A	PB316A	PB132A
		Panel Base w/Cover		PB403A	PB410A	PB416A	
		Angled, (No Cover)		PB503A(P) [†]			
		Box Base (No Cover)	1" x 3/8"	BB403APMV [†]	BB410AMV	BB416AMV	BB032AMV BB832A
			1" x 1/2"				
			1" x 3/4"				
1" x 1"							
Box Base w/Cover	2" x 1/2"	BB610AMV BB710AMV	BB616AMV BB716AMV	BB132AMV BB132A100			
	2" x 1"						
Hoods — Standard Mount *Plastic body — "A" 3-16 Series standard Hoods include gaskets; Bases and Special Hoods do not.							
		Side Entry	1" x 3/8"	SH603APMV [†]	SH610AMV** SH710AMV**	SH616AMV** SH716AMV**	SH032AMV SH132AMV
			1" x 1/2"				
			1" x 3/4"				
			1" x 1"				
		Top Entry	1" x 3/8"	TH803APMV [†]	TH810AMV** TH910AMV**	TH816AMV** TH916AMV**	TH232AMV TH332AMV
			1" x 1/2"				
			1" x 3/4"				
			1" x 1"				
Coupler Hoods — Inline For inline, portable or special service connections. Coupler Hoods mate to Standard Hoods ONLY.							
		Top Entry	1" x 3/8" 1" x 1/2"	CH803APMV [†]	CH810AMV	CH816AMV	
Lever Hoods — Reverse Locking Lever Hoods mate to Post Bases ONLY.							
		Side Entry w/Lever(s)	1" x 3/4"				LH032AMV LH132AMV
			1" x 1"				
		Top Entry w/Lever(s)	1" x 3/4"				LH232AMV LH332AMV
			1" x 1"				
Bases — with Access Cover Post Bases accept Lever Hoods ONLY.							
		Panel Base+ Posts w/Cover					PB232A
		Box Base+ Posts w/Cover	1" x 3/4"	BB232AMV BB232A100MV BB332A BB332A100			
			1" x 1"				
			2" x 3/4"				
		2" x 1"					

** Low "L" profile may be available. Contact your Thomas & Betts sales representative.

[†] Indicates glass-filled thermoplastic construction, light gray color (add suffix).

* Indicates glass-filled thermoplastic construction, black color (add suffix); quantity purchase may be required.

B Series 16 Amps 600VAC

6, 10 & 16 Contacts + Ground

Accessories

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

CAT. NO.	DESCRIPTION
WAM-1	Label Insert Clip
WAM1B	Strip Blank
WAM1N64	Strip Nos. 1-64
WAM1AZ	Strip Letters A-Z



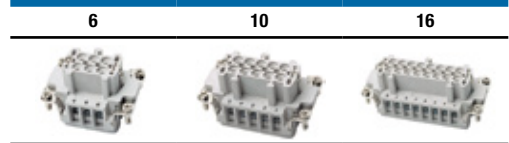
Use small blade screwdriver to push wire entry tab in for easy contact removal.





Crimp Tool

CAT. NO.
WT611TB


Install to Matching Series Hood/Base



Screw Terminal Inserts

SCREW TERMINAL INSERTS	6 + G	10 + G	16 + G
 MALE – PINS 20–14 AWG (.5–2.5 mm ²)	MS206B	MS210B	MS216B
 FEMALE – SLEEVES 20–14 AWG (.5–2.5 mm ²)	FS106B	FS110B	FS116B

Screw Terminal Wiring Adapter Blocks

SCREW TERMINAL WIRING ADAPTER BLOCKS	6 + G	10 + G	16 + G
 FEMALE INSERT, GROUND L. 20–14 AWG (.5–2.5 mm ²)	FS106WAL	FS110WAL	FS116WAL

B Series 16 Amps 600VAC

Bases — Standard Mount			# of Contacts + Ground Connection								
			6	10		16					
SINGLE LEVER	DOUBLE LEVER	HOUSING	NPT ENTRY	LEVER LOCKING TYPE							
				SINGLE	SINGLE	DOUBLE	SINGLE	DOUBLE			
		Panel Base (No Cover)		PB306**	PB310	PB110E	PB316**	PB116E	BASE Base to Hood		
		Panel Base w/Cover		PB406**	PB410**		PB416**				
		Box Base (No Cover)	1" x 1/2"	BB406MV	BB410MV	BB010EMV					
			1" x 3/4"	BB406MVH075	BB410MVH075	BB010MVEH075	BB416MV*	BB016EMV*			
			1" x 1"	BB406H100MV	BB410MVH100	BB010EH100MV	BB416H100MV	BB016EH100MV			
			2" x 1/2"	BB506MV	BB510MV	BB110EMV					
			2" x 3/4"	BB506H075MV	BB510H075MV	BB110EH075MV	BB516MV*	BB116EMV*			
		2" x 1"	BB506H100	BB510H100	BB110EH100MV	BB516H100MV	BB116EH100MV				
		Box Base w/Cover	1" x 1/2"	BB606MV**	BB610MV**						
			1" x 3/4"	BB606H075MV**	BB610H075MV**		BB616MV**	BB616MVH100**			
			1" x 1"	BB606H100**	BB610H100MV**						
			2" x 1/2"	BB706MV**	BB710MV**						
			2" x 3/4"	BB706H075**	BB710H075MV**		BB716MV**	BB716H100MV**			
		2" x 1"	BB706H100**	BB710H100MV**							
Hoods — Standard Mount Plastic body — "B" 3-16 Series Standard Hoods include gaskets; Bases and Special Hoods do not.											
		Side Entry	1" x 1/2"	SH606MV	SH610MV	SH010MV			HOODS Hood to Coupler		
			1" x 3/4"	SH606H075MV	SH610H075MV	SH010H075MV	SH616MV†	SH016MV†			
			1" x 1"	SH606H100MV	SH610H100MV	SH010H100MV	SH716HMV†	SH116HMV			
		Top Entry	1" x 1/2"	TH806MV	TH810MV	TH210MV					
			1" x 3/4"	TH806H075MV	TH810H075MV	TH210H075MV	TH816MV†	TH216MV†			
			1" x 1"	TH806H100MV	TH810H100MV	TH210H100MV	TH816H100MV	TH316HMV			
Coupler Hoods — Inline For inline, portable or special service connections. Coupler Hoods mate to Standard Hoods ONLY.											
		Top Entry	1" x 1/2"	CH806HMV	CH810EMV	CH610E				COUPLER Hood to Base	
			1" x 3/4"	CH806H075MV	CH810H075MV	CH610EH075MV	CH816HMV	CH616EHMV			
			1" x 1"	CH806H100MV	CH810H100MV	CH610EH100MV	CH916HMV	CH716EHMV			
Lever Hoods — Reverse Locking Lever Hoods mate to Post Bases ONLY.											
		Side Entry w/Lever(s)	1" x 1/2"			LH010EMV					HOODS Hood to Base
			1" x 3/4"			LH010EH075MV		LH016EMV*			
			1" x 3/4"			LH010EH100MV		LH116EHMV			
		Top Entry w/Lever(s)	1" x 1/2"			LH210EMV					
			1" x 3/4"			LH210EH075MV		LH216E*			
			1" x 1"			LH210EH100MV		LH316EHMV			
Bases — with Access Cover Post Bases accept Lever Hoods ONLY.											
		Panel Base+ Posts w/Cover				PB210**		PB216**	BASES Hood to Base		
			1" x 1/2"			BB210MV**					
			1" x 3/4"			BB210H075MV**		BB216MV**			
			1" x 1"			BB210H100MV**		BB216H100MV**			
			2" x 1/2"			BB310MV**					
2" x 3/4"			BB310H075MV**		BB316MV**						
		2" x 1"	BB310H100MV**		BB316H100MV**						

* High "H" profile may be available. Contact your Thomas & Betts sales representative.

** Metal "M" cover may be available. Contact your Thomas & Betts sales representative.

† High "H" and Low "L" profile may be available. Contact your Thomas & Betts sales representative.

B Series 16 Amps 600VAC

24, 32 & 48 Contacts + Ground

Accessories

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

CAT. NO.	DESCRIPTION
WAM-1	Label Insert Clip
WAM1B	Strip Blank
WAM1N64	Strip Nos. 1-64
WAM1AZ	Strip Letters A-Z



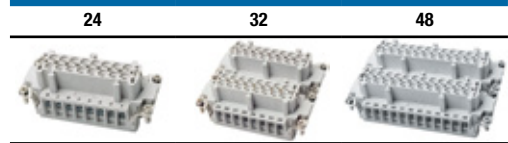
Use small blade screwdriver to push wire entry tab in for easy contact removal.



Crimp Tool

CAT. NO.
WT611TB

Install to Matching Series Hood/Base



Screw Terminal Inserts

SCREW TERMINAL INSERTS	24 + G	32 + G	48 + G	
	MALE – PINS 20–14 AWG (.5–6 mm ²)	MS224B	MS216B (1–16) + MS232B (17–32)	MS224B (1–24) + MS248B (25–48)
	FEMALE – SLEEVES 20–14 AWG (.5–6 mm ²)	FS124B	FS116B (1–16) + FS132B (17–32)	FS124B (1–24) + FS148B (25–48)



















Screw Terminal Wiring Adapter Blocks

SCREW TERMINAL INSERTS	24 + G	
	FEMALE INSERT, GROUND L. 20–14 AWG (.5–2.5 mm ²)	FS124WAL

Crimp Terminal Inserts

CRIMP TERMINAL INSERTS	24 + G	32 + G	48 + G	
	MALE INSERT (Order contacts below)	MC424B	(1–16) MC416B (17–32) MC432B	(1–24) MC424B (25–48) MC448B
	FEMALE INSERT (Order contacts below)	FC324B	(1–16) FC316B (17–32) FC332B	(1–24) FC324B (25–48) FC348B

B Series 16 Amps 600VAC

Bases — Standard Mount				# of Contacts + Ground Connection			
				24		32	
SINGLE LEVER	DOUBLE LEVER	HOUSING	NPT ENTRY	LEVER LOCKING TYPE			
				SINGLE	DOUBLE	DOUBLE	SINGLE
		Panel Base (No Cover)		PB324	PB124E	PB132	PB348
		Panel Base w/Cover		PB424†			PB448
		Box Base (No Cover)	1" x 3/4"	BB424MV*	BB024EMV*		
			1" x 1"	BB424H100MV	BB024EH100MV	BB032MV	BB448MV
			2" x 3/4"	BB524MV*	BB124EMV*		
		Box Base w/Cover	2" x 1"	BB524H100MV	BB124EH100MV	BB132MV	BB548MV
			1" x 3/4"	BB624MV*†			
			1" x 1"	BB624H100MV†			BB648MV
			2" x 3/4"	BB724MV*†			
			2" x 1"	BB724H100MV†			BB748MV
Hoods — Standard Mount Plastic body — "A" 3-16 Series Standard Hoods include gaskets; Bases and Special Hoods do not.							
		Side Entry	1" x 3/4"	SH624MV**	SH024MV**	SH032MV	
			1" x 1"	SH724MV**	SH124MV**	SH132MV	SH648MV
			1" x 1 1/4"			SH132125MV	SH748MV
		Top Entry	1" x 3/4"	TH824MV**	TH224MV**	TH232MV	
			1" x 1"	TH924MV**	TH324MV**	TH332MV	TH848MV
			1" x 1 1/4"			TH332125MV	TH948MV
			Ribbon Cbl		TH424RCMV		
Coupler Hoods — Inline For inline, portable or special service connections. Coupler Hoods mate to Standard Hoods ONLY.							
		Top Entry	1" x 3/4"	CH824MV	CH624EMV	CH632MV	
	1" x 1"		CH924MV	CH724EMV	CH732MV		
	Ribbon Cbl			CH724ERC MV			
Lever Hoods — Reverse Locking Lever Hoods mate to Post Bases ONLY.							
		Side Entry w/Lever(s)	1" x 3/4"		LH024EMV		
			1" x 1"		LH124EMV		
		Top Entry w/Lever(s)	1" x 3/4"		LH224E		
			1" x 1"		LH324EMV		
Bases — with Access Cover Post Bases accept Lever Hoods ONLY.							
		Panel Base w/Posts + Cover		PB224†			
		Box Base w/Posts + Cover	1" x 3/4"	BB224MV*†			
			1" x 1"	BB224H100MV			
			2" x 3/4"	BB324MV*†			
			2" x 1"	BB324H100MV			

* High "H" profile may be available. Contact your Thomas & Betts sales representative.

** Low "L" profile may be available. Contact your Thomas & Betts sales representative.

† Metal "M" cover may be available. Contact your Thomas & Betts sales representative.



C Series 35 Amps 600VAC

6 or 12 Contacts + Ground

Install to Matching Series Hood/Base



Screw Terminal Contact Carrier Inserts

SCREW TERMINAL CONTACT CARRIER INSERTS	6 + G	12 + G
 MALE – PINS 20–10 AWG (.5–6 mm ²)	MS206C	MS206C (1–6) + MS212C (7–12)
 FEMALE – SLEEVES 20–10 AWG (.5–6 mm ²)	FS106C	FS106C (1–6) + FS112C (7–12)

C Series 35 Amps 600VAC

Bases — Standard Mount				# of Contacts + Ground Connection		
				6		12
SINGLE LEVER	DOUBLE LEVER	HOUSING	NPT ENTRY	LEVER LOCKING TYPE		
				SINGLE	DOUBLE	DOUBLE
		Panel Base (No Cover)		PB316	PB116E	PB132
		Panel Base w/Cover		PB416		
		Box Base (No Cover)	1" x 3/4"	BB416MV*	BB016EMV*	
			1" x 1"	BB416H100MV	BB016EH100MV	BB032MV
			2" x 3/4"	BB516MV*	BB116EMV*	
			2" x 1"	BB516H100MV	BB116EH100MV	BB132MV
		Box Base w/Cover	1" x 1/2"	BB616MV**		
			1" x 1"	BB616H100MV†		
			2" x 1/2"	BB716MV**		
			2" x 1"	BB716H100MV†		
Hoods — Standard Mount						
	Side Entry		1" x 3/4"	SH616MV‡	SH016MV‡	SH032MV
			1" x 1"	SH716HMV	SH116HMV	SH132MV
			1" x 1 1/4"			SH132125MV
	Top Entry		1" x 3/4"	TH816MV‡	TH216MV‡	TH232MV
		1" x 1"	TH816H100MV	TH316HMV	TH332MV	
		1" x 1 1/4"			TH332125MV	
Coupler Hoods — Inline <i>For inline, portable or special service connections. Coupler Hoods mate to Standard Hoods ONLY.</i>						
	Top Entry		1" x 3/4"	CH816HMV	CH616EHMV	CH632MV
			1" x 1"	CH916HMV	CH716EHMV	CH732MV
Lever Hoods — Reverse Locking <i>Lever Hoods mate to Post Bases ONLY.</i>						
	Side Entry w/Lever(s)		1" x 3/4"		LH016EMV*	
			1" x 1"		LH116EHMV	
	Top Entry w/Lever(s)		1" x 3/4"		LH216E*	
			1" x 1"		LH316EHMV	
Bases — with Access Cover <i>Post Bases accept Lever Hoods ONLY.</i>						
	Panel Base w/Posts + Cover				PB216†	
	Box Base w/Posts + Cover		1" x 3/4"		BB216MV**	
			1" x 1"		BB216H100MV†	
		2" x 3/4"		BB316MV**		
		2" x 1"		BB316H100MV†		

* High "H" profile may be available. Contact your Thomas & Betts sales representative.

** Low "L" profile may be available. Contact your Thomas & Betts sales representative.

† Metal "M" cover may be available. Contact your Thomas & Betts sales representative.

‡ High "H" and Low "L" profile may be available. Contact your Thomas & Betts sales representative.

D Series 10 Amps 600VAC

7 or 8, 15, 25 & 40 Contacts + Ground

Accessories

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

CAT. NO.	DESCRIPTION
WAM-1	Label Insert Clip
WAM1B	Strip Blank
WAM1N64	Strip Nos. 1–64
WAM1AZ	Strip Letters A–Z



Crimp Tool

CAT. NO.
WT80



Extraction Tool

CAT. NO.
RT614

Install to Matching Series Hood/Base



Crimp Terminal Inserts

CRIMP TERMINAL INSERTS	7 OR 8 + G	15 + G	25 + G	40 + G
 MALE INSERT (Order contacts below)	MC407D or MC408D	MC415D	MC425D	MC440D
 FEMALE INSERT (Order contacts below)	FC307D or FC308D	FC315D	FC325D	FC340D

Contacts Sold Separately

Screw Terminal Wiring Adapter Blocks

SCREW TERMINAL WIRING ADAPTER BLOCKS	—	—	—	40 + G
 MALE INSERT, GROUND L. 26–16 AWG (.2–1.5mm ²)	—	—	—	MS440WAL
 FEMALE INSERT, GROUND L. 26–16 AWG (.2–1.5mm ²)	—	—	—	FS340WAL

Contacts Selection Chart

CRIMP CONTACTS	WIRE AWG (MM ²)	IDENTIFICATION
	22+ AWG (.14–.37 mm ²)	1
	20 AWG (.5 mm ²)	2
	18 AWG (.75–1 mm ²)	3
	16 AWG (1.5 mm ²)	4
	14 AWG (2.5 mm ²)	5

For All Crimp Terminal “D” Inserts:

FEMALE	MALE
FP22SD	MP22SD
FP20SD	MP20SD
FP18SD	MP18SD
FP16SD	MP16SD
FP14SD	MP14SD








For Optic Contacts



CRIMP CONTACTS	WIRE AWG (MM ²)	IDENTIFICATION
	18 AWG (.75–1 mm ²)	3

FEMALE	MALE
FP18SD	MP18SD


D Series 10 Amps 600VAC

Bases — Standard Mount				# of Contacts + Ground Connection				
				7 or 8	15	25	40	
SINGLE LEVER	DOUBLE LEVER	HOUSING	NPT ENTRY	LEVER LOCKING TYPE				
				SINGLE	SINGLE	DOUBLE	SINGLE	DOUBLE
		Panel Base (No Cover)		PB303A(P)**	PB310A		PB316	PB116E
		Panel Base w/Cover		PB403A	PB410A	PB316A	PB416	
		Angled (No Cover)		PB503A(P)**	PB416A			
		Box Base (No Cover)	1" x 3/8"	BB403APMV**				
			1" x 1/2"		BB410AMV	BB416AMV		
			2" x 1/2"		BB510AMV	BB516AMV		
			1" x 3/4"				BB416MV*	BB016EMV*
			1" x 1"				BB416H100MV†	BB016EH100MV†
		Box Base w/Cover	2" x 3/4"				BB516MV*	BB116EMV*
			2" x 1"				BB516H100MV†	BB116EH100MV†
			1" x 1/2"		BB610AMV	BB616AMV		
			1" x 3/4"		BB710AMV	BB716AMV		
			1" x 1"				BB616MV**†	
		2" x 1/2"				BB616H100MV†		
		2" x 3/4"				BB716MV**†		
		2" x 1"				BB716H100MV†		


Hoods — Standard Mount Plastic body — "A" 3-16 Series Standard Hoods include gaskets; Bases and Special Hoods do not.

	Side Entry	1" x 3/8"	SH603APMV**				
		1" x 1/2"		SH610AMV	SH616AMV		
		1" x 3/4"		SH710AMV	SH716AMV	SH616MV‡	SH016MV‡
		1" x 1"				SH716H100MV‡	SH116H100MV‡
	Top Entry	1" x 3/8"	TH803APMV**				
		1" x 1/2"		TH810AMV	TH816AMV		
		1" x 3/4"		TH910AMV	TH916AMV	TH816MV‡	TH216MV‡
		1" x 1"				TH816H100MV‡	TH316H100MV‡

Coupler Hoods — Inline For inline, portable or special service connections. Coupler Hoods mate to Standard Hoods ONLY.

	Top Entry	1" x 3/8"	CH803APMV**				
		1" x 1/2"		CH810AMV	CH816AMV		
		1" x 3/4"				CH816H100MV‡	CH616EHMV‡
		1" x 1"				CH916H100MV‡	CH716EHMV‡

Lever Hoods — Reverse Locking Lever Hoods mate to Post Bases ONLY.

	Side Entry w/Lever(s)	1" x 3/4"				LH016EMV*	
		1" x 1"				LH116EHMV	
	Top Entry w/Lever(s)	1" x 3/4"					LH216E*
		1" x 1"					LH316EHMV

Bases — with Access Cover Post Bases accept Lever Hoods ONLY.

	Panel Base+ Posts w/Cover					PB216†
	Box Base+ Posts w/Cover	1" x 3/4"				BB216MV**†
		1" x 1"				BB216H100MV†
		2" x 3/4"				BB316MV**†
	2" x 1"				BB316H100MV†	

* High "H" profile may be available. Contact your Thomas & Betts sales representative.

** Indicates glass-filled thermoplastic construction.

† Metal "M" cover may be available. Contact your Thomas & Betts sales representative.

‡ High "H" and Low "L" profile may be available. Contact your Thomas & Betts sales representative.

D Series 10 Amps 600VAC

50, 64, 80 & 128 Contacts + Ground

Accessories

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

CAT. NO.	DESCRIPTION
MP22SD	Label Insert Clip
MP20SD	Strip Blank
MP18SD	Strip Nos. 1-64
MP16SD	Strip Letters A-Z



Crimp Tool

CAT. NO.
WT80



Extraction Tool

CAT. NO.
RT614

Install to Matching Series Hood/Base



Crimp Terminal Inserts

CRIMP TERMINAL INSERTS	50 + G	64 + G	80 + G	128 + G
 MALE INSERT (Order contacts below)	MC425D (2x)	MC464D	MC440D (2x)	MC464D (2x)
 FEMALE INSERT (Order contacts below)	FC325D (2x)	FC364D	FC340D (2x)	FC364D (2x)

Contacts Sold Separately

Contacts Selection Chart

CRIMP CONTACTS	WIRE AWG (MM²)	IDENTIFICATION
	22+ AWG (.14-.37 mm²)	1
	20 AWG (.5 mm²)	2
	18 AWG (.75-1 mm²)	3
	16 AWG (1.5 mm²)	4
	14 AWG (2.5 mm²)	5

For All Crimp Terminal "D" Inserts:


























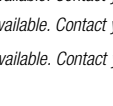



FEMALE	MALE
FP22SD	MP22SD
FP20SD	MP20SD
FP18SD	MP18SD
FP16SD	MP16SD
FP14SD	MP14SD

For Optic Contacts

CRIMP CONTACTS	WIRE AWG (MM²)	IDENTIFICATION
	18 AWG (.75-1 mm²)	3

FEMALE	MALE
FP18SD	MP18SD

D Series 10 Amps 600VAC

Bases — Standard Mount			# of Contacts + Ground Connection						
			50	64	16	32			
SINGLE LEVER	DOUBLE LEVER	HOUSING	NPT ENTRY	LEVER LOCKING TYPE					
				DOUBLE	SINGLE	DOUBLE	DOUBLE	SINGLE	
		Panel Base (No Cover)		PB132A	PB324	PB124E	PB132	PB348	BASE
		Panel Base w/Cover		PB424					
		Box Base (No Cover)	1" x 3/4"	BB032AMV	BB424MV*	BB024EMV*			BASE to Hood
			1" x 1"	BB832AMV	BB424H100MV	BB024EH100MV	BB032MV	BB448MV	
			2" x 3/4"	BB132AMV	BB524MV*	BB124EMV*			
			2" x 1"	BB132A100	BB524H100MV	BB124EH100MV	BB132MV	BB548MV	
		Box Base w/Cover	1" x 3/4"		BB642*†				BASE to Hood
			1" x 1"		BB642H100†			BB648MV	
			2" x 3/4"		BB724MV*†				
			2" x 1"		BB724H100MV†			BB748MV	
Hoods — Standard Mount <i>Plastic body — "A" 3-16 Series Standard Hoods include gaskets; Bases and Special Hoods do not.</i>									
		Side Entry	1" x 3/4"	SH032AMV	SH624MV**	SH024MV**	SH032MV		HOODS
			1" x 1"	SH132AMV	SH724MV**	SH124MV**	SH132MV	SH648MV	
			1" x 1 1/4"					SH748MV	
		Top Entry	1" x 3/4"	TH232AMV	TH824MV**	TH224MV**	TH232MV		HOOD to Coupler
			1" x 1"	TH332AMV	TH924MV	TH324MV	TH332MV	TH848MV	
			Ribbon CBL		TH624RC	TH424RC		TH948	
Coupler Hoods — Inline <i>For inline, portable or special service connections. Coupler Hoods mate to Standard Hoods ONLY.</i>									
		Top Entry	1" x 3/4"		CH824MV	CH624EMV	CH632MV		COUPLER
			1" x 1"		CH924MV	CH724EMV	CH732MV		
			Ribbon CBL			CH724ERC MV			
Lever Hoods — Reverse Locking <i>Lever Hoods mate to Post Bases ONLY.</i>									
		Side Entry w/Lever(s)	1" x 3/4"	LH032AMV		LH024EMV		HOODS	
			1" x 1"	LH132AMV		LH124EMV			
		Top Entry w/Lever(s)	1" x 3/4"	LH232AMV		LH224E		HOOD to Base	
			1" x 1"	LH332AMV		LH324EMV			
Bases — with Access Cover <i>Post Bases accept Lever Hoods ONLY.</i>									
		Panel Posts w/Cover		PB232A		PB224†		BASES	
									
		Box Posts w/Cover	1" x 3/4"	BB232AMV		BB224MV*†		BASES	
			1" x 1"	BB232A100MV		BB224H100MV			
			2" x 3/4"	BB332A		BB324MV*†			
		2" x 1"	BB332A100		BB324H100MV				

* High "H" profile may be available. Contact your Thomas & Betts sales representative.

** Low "L" profile may be available. Contact your Thomas & Betts sales representative.

† Metal "M" cover may be available. Contact your Thomas & Betts sales representative.

DD Series 10 Amps 600VAC

24, 42 & 72 Contacts + Ground



Crimp Tool

CAT. NO.

WT80

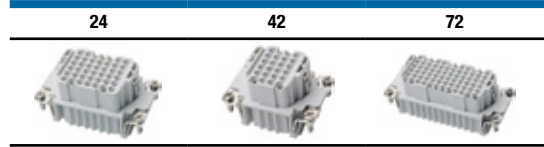


Extraction Tool



CAT. NO.

RT614


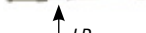


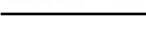
Install to Matching Series Hood/Base



Crimp Terminal Inserts

	SCREW TERMINAL INSERTS	24 + G	42 + G	72 + G
	Male Insert (Order contacts below)	MC224DD	MC242DD	MC272DD
	Female Insert (Order contacts below)	FC124DD	FC142DD	FC172DD

Contacts Selection Chart

CRIMP CONTACTS	WIRE AWG (MM ²)	IDENTIFICATION
	22+ AWG (.14-.37 mm ²)	1
	20 AWG (.5 mm ²)	2
	18 AWG (.75-1 mm ²)	3
	16 AWG (1.5 mm ²)	4
	14 AWG (2.5 mm ²)	5

For All Crimp Terminal "DD" Inserts

FEMALE	MALE
FP22SD	MP22SD
FP20SD	MP20SD
FP18SD	MP18SD
FP16SD	MP16SD
FP14SD	MP14SD

See page G-158 for POF installation and tools info.

DD Series 10 Amps 600VAC

Bases — Standard Mount				# of Contacts + Ground Connection				
				24		42		72
SINGLE LEVER	DOUBLE LEVER	HOUSING	NPT ENTRY	LEVER LOCKING TYPE				
				SINGLE	SINGLE	DOUBLE	SINGLE	DOUBLE
		Panel Base (No Cover)		PB306**	PB310**	PB110E	PB316	PB116E
		Panel Base w/Cover		PB406**	PB410**		PB416	
		Box Base (No Cover)	1" x 1/2"	BB406MV	BB410MV	BB010EMV	BB416MV*	BB016EMV*
			1" x 3/4"	BB406MVH075	BB410H075MV	BB010EH075MV	BB416H075MV*	BB016EH075MV*
			1" x 1"	BB406H100MV	BB410H100MV	BB010EH100MV	BB416H100MV	BB016EH100MV
			2" x 1/2"	BB506MV	BB510MV	BB110EMV	BB516MV*	BB116EMV*
			2" x 3/4"	BB506H075MV	BB510H075MV	BB110EH075MV	BB516H075MV*	BB116EH075MV*
	2" x 1"	BB506H100	BB510H100	BB110EH100MV	BB516H100MV	BB116EH100MV		
		Box Base	1" x 1/2"	BB606MV**	BB610MV**		BB616MV* **	
			1" x 3/4"	BB606H075MV**	BB610H075MV**		BB616H100MV**	
			1" x 1"	BB606H100**	BB610H100MV**			
			2" x 1/2"	BB706MV**	BB710MV**		BB716MV* **	
			2" x 3/4"	BB706H075**	BB710H075MV**		BB716H100MV**	
	2" x 1"	BB706H100**	BB710H100MV**					
Hoods — Standard Mount								
		Side Entry	1" x 1/2"	SH606MV	SH610MV	SH010MV		
			1" x 3/4"	SH606H075MV	SH610H075MV	SH010H075MV	SH616MV†	SH016MV†
			1" x 1"	SH606H100MV	SH610H100MV	SH010H100MV	SH716H075MV†	SH116H075MV
		Top Entry	1" x 1/2"	TH806MV	TH810MV	TH210MV		
			1" x 3/4"	TH806H075MV	TH810H075MV	TH210H075MV	TH816MV†	TH216MV†
			1" x 1"	TH806H100MV	TH810H100MV	TH210H100MV	TH816H100MV	TH316H075MV
Coupler Hoods — Inline <i>For inline, portable or special service connections. Coupler Hoods mate to Standard Hoods ONLY.</i>								
		Top Entry w/ Leveler(s)	1" x 1/2"	CH806	CH810	CH610E		
			1" x 3/4"	CH806H075MV	CH810H075MV	CH610EH075MV	CH816H075MV	CH616EH075MV
			1" x 1"	CH806H100MV	CH810H100MV	CH610EH100MV	CH916H075MV	CH716EH075MV
Lever Hoods — Reversed Locking <i>Lever Hoods mate to Post Bases ONLY.</i>								
		Side Entry w/Lever(s)	1" x 1/2"			LH010EMV		
			1" x 3/4"			LH010EH075MV		LH016EMV*
			1" x 1"			LH010EH100MV		LH116EH075MV
		Top Entry w/Lever(s)	1" x 1/2"			LH210EMV		
			1" x 3/4"			LH210EH075MV		LH216E*
			1" x 1"			LH210EH100MV		LH316EH075MV
Bases — with Access Cover <i>Post Bases accept Lever Hoods ONLY.</i>								
		Panel + Posts w/Cover				PB210**		PB216**
			1" x 1/2"			BB210MV**		
			1" x 3/4"			BB210H075MV**		BB216MV* **
			1" x 1"			BB210H100MV**		BB216H100MV**
			2" x 1/2"			BB310MV**		
	2" x 3/4"			BB310H075MV**		BB316MV* **		
	2" x 1"			BB310H100MV**		BB316H100MV**		

* High "H" profile may be available. Contact your Thomas & Betts sales representative.

** Metal "M" cover may be available. Contact your Thomas & Betts sales representative.

† High "H" and Low "L" profile may be available. Contact your Thomas & Betts sales representative.

DD Series 10 Amps 600VAC

108, 144 & 216 Contacts + Ground



Crimp Tool

CAT. NO.

WT80

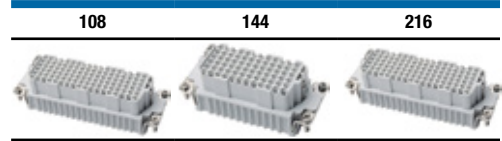


Extraction Tool



CAT. NO.

RT614

Install to Matching Series Hood/Base

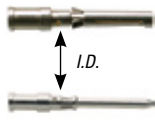


Crimp Terminal Inserts

	CRIMP TERMINAL INSERTS	108 + G	144 + G	216 + G
	Male Insert (Order contacts below)	MC208DD	MC272DD+ MC244DD	MC208DD+ MC216DD
	Female Insert (Order contacts below)	FC108DD	FC172DD+ FC144DD	FC108DD+ FC116DD

Contacts Selection

For all Crimp Terminal "DD" Inserts

CRIMP CONTACTS	WIRE GAUGE AWG (MM ²)	IDENTIFICATION	FEMALE	MALE
	22+ AWG (.14-.37 mm ²)	1	FP22SD	MP22SD
	20 AWG (.5 mm ²)	2	FP20SD	MP20SD
	18 AWG (.75-1 mm ²)	3	FP18SD	MP18SD
	16 AWG (1.5 mm ²)	4	FP16SD	MP16SD
	14 AWG (2.5 mm ²)	5	FP14SD	MP14SD

See page G-158 for POF installation and tools info.

DD Series 10 Amps 600VAC

Bases — Standard Mount				# of Contacts + Ground Connection				
				108		144		216
SINGLE LEVER	DOUBLE LEVER	HOUSING	NPT ENTRY	LEVER LOCKING TYPE				
				SINGLE	DOUBLE	DOUBLE	SINGLE	
		Panel Base (No Cover)		PB324	PB124E	PB132	PB348	BASE
		Panel Base w/Cover		PB424†			PB448	
		Box Base (No Cover)	1" x 3/4"	BB424MV*	BB024EMV*			BASE
			1" x 1"	BB424H100MV	BB024EH100MV	BB032MV	BB448MV	
			2" x 3/4"	BB524MV*	BB124EMV*			
		Box Base w/Cover	2" x 1"	BB524H100MV	BB124EH100MV	BB132MV	BB548MV	BASE
			1" x 3/4"	BB624MV*†				
			1" x 1"	BB624H100MV†			BB648MV	
		Box Base w/Cover	2" x 3/4"	BB724MV*†				BASE
			2" x 1"	BB724H100MV†			BB748MV	
Hoods — Standard Mount								HOODS
		Side Entry	1" x 3/4"	SH624MV**	SH024MV**	SH032MV		
			1" x 1"	SH724MV**	SH124MV**	SH132MV	SH648MV	
			1" x 1 1/4"			SH132125MV	SH748MV	
		Top Entry	1" x 3/4"	TH824MV**	TH224MV**	TH232MV		HOODS
			1" x 1"	TH924MV**	TH324MV**	TH332MV	TH848MV	
			1" x 1 1/4"			TH332125MV	TH948MV	
Coupler Hoods — Inline <i>For inline, portable or special service connections. Coupler Hoods mate to Standard Hoods ONLY.</i>								COUPLER
		Top Entry	1" x 3/4"	CH824MV	CH624EMV	CH632MV		
			1" x 1"	CH924MV	CH724EMV	CH732MV		
Lever Hoods — Reverse Locking <i>Lever Hoods mate to Post Bases ONLY.</i>								HOODS
		Side Entry w/Lever(s)	1" x 3/4"		LH024EMV			
			1" x 1"			LH124EMV		
		Top Entry w/Lever(s)	1" x 3/4"		LH224E			
			1" x 1"			LH324EMV		
Bases — with Access Cover <i>Post Bases accept Lever Hoods ONLY.</i>								BASES
		Panel Base w/Posts + Cover			PB224†			
		Box Base w/Posts + Cover	1" x 3/4"		BB224MV*†			BASES
			1" x 1"			BB224H100MV		
			2" x 3/4"			BB324MV*†		
			2" x 1"			BB324H100MV		

* High "H" profile may be available. Contact your Thomas & Betts sales representative.

** Low "L" profile may be available. Contact your Thomas & Betts sales representative.

† Metal "M" cover may be available. Contact your Thomas & Betts sales representative.

K Series 80 + 16 Amps 600VAC

4 @ 80A + 8 @ 16A
 8 @ 80A + 16 @ 16A
 Contacts + Ground



Install to Matching Series Hood/Base

4 @ 80A + 8 @ 16A + G

8 @ 80A + 16 @ 16A + G



Screw Terminal Contact Carrier Inserts

	SCREW TERMINAL CONTACT CARRIER INSERTS	4 @ 80A+ 8 @ 16A+G	8 @ 80A+ 16 @ 16A+G
	MALE – PINS	MS212K	MS212K (x2)
	FEMALE – SLEEVES	FS112K	FS112K (x2)

Wiring Note: To #6 AWG (16mm²) 80A contacts and to #14 AWG (2.5mm²) 16A contacts.

K Series 80 + 16 Amps 600VAC

Bases — Standard Mount		# of Contacts + Ground Connection				
		K-12		K-24		
		4 @ 80A + 8 @ 16A + G		8 @ 80A + 16 @ 16A + G		
SINGLE LEVER	DOUBLE LEVER	HOUSING	NPT ENTRY	LEVER LOCKING TYPE		
				SINGLE	DOUBLE	SINGLE
		Panel Base (No Cover)		PB324	PB124E	PB348
		Panel Base w/Cover		PB424		
		Box Base (No Cover)	1" x 3/4"	BB424MV*	BB024EMV	BB448MV
			1" x 1"	BB424H100MV	BB024EH100MV	BB448MV
			2" x 3/4"	BB524MV*	BB124EMV*	BB548MV
			2" x 1"	BB524H100MV	BB124EH100MV	BB548MV
		Box Base w/Cover	1" x 3/4"	BB624MV†		BB648MV
			1" x 1"	BB624H100MV†		BB648MV
			2" x 3/4"	BB724MV†*		BB748MV
			2" x 1"	BB724H100MV†		BB748MV
Hoods — Standard Mount Plastic body — "A" 3-16 Series Standard Hoods include gaskets; Bases and Special Hoods do not.						
		Side Entry	1" x 3/4"	SH624MV**	SH024MV**	SH648MV SH748MV
			1" x 1"	SH724MV**	SH124MV**	
			1" x 1 1/4"			
		Top Entry	1" x 3/4"	TH824MV**	TH224MV**	TH848MV TH948MV
			1" x 1"	TH924MV	TH324MV	
			1" x 1 1/4"			
Coupler Hoods — Inline For inline, portable or special service connections. Coupler Hoods mate to Standard Hoods ONLY.						
		Top Entry	1" x 3/4"	CH824MV	CH624EMV	CH724EMV
			1" x 1"	CH924MV		
Lever Hoods — Reverse Locking Lever Hoods mate to Post Bases ONLY.						
		Side Entry w/Lever(s)	1" x 3/4"		LH032AMV	LH132AMV
			1" x 1"			
		Top Entry w/Lever(s)	1" x 3/4"		LH232AMV	LH332AMV
			1" x 1"			
Bases — with Access Cover Post Bases accept Lever Hoods ONLY.						
		Panel Base w/Posts + Cover			PB224†	
		Box Base w/Posts + Cover	1" x 3/4"		BB224MV†*	
			2" x 3/4"		BB324MV†*	

* High "H" profile may be available. Contact your Thomas & Betts sales representative.

** Low "L" profile may be available. Contact your Thomas & Betts sales representative.

† Metal "M" cover may be available. Contact your Thomas & Betts sales representative.

V Series 16 Amps 600VAC

3 & 6 Contacts + Control Contacts
& Ground



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

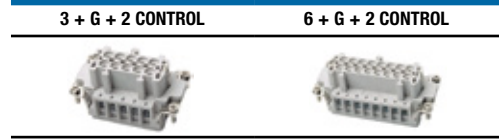


Crimp Tool

CAT. NO.

WT611TB





Install to Matching Series Hood/Base



Screw Terminal Inserts

	SCREW TERMINAL INSERTS	3 + G + 2 CONTROL	6 + G + 2 CONTROL
	MALE – PINS 20–14 AWG (.5–2.5 mm ²)	MS203V	MS206V
	FEMALE – SLEEVES 20–14 AWG (.5–2.5 mm ²)	FS103V	FS106V

V Series 16 Amps 600VAC

Hoods — Standard Mount				# of Contacts + Ground Connection			
				3 + G + 2 Control		6 + G + 2 Control	
SINGLE LEVER	DOUBLE LEVER	HOUSING	NPT ENTRY	LEVER LOCKING TYPE			
				SINGLE	DOUBLE	SINGLE	DOUBLE
		Side Entry	1" x 1/2"	SH603V	SH003V	—	—
			1" x 3/4"	—	—	SH606VMV	SH006V
		Top Entry	1" x 1/2"	TH803VMV	TH203V	—	—
			1" x 3/4"	—	—	TH806VMV	TH206V

HOODS

* Metal "M" cover may be available. Contact your Thomas & Betts sales representative.

Wire Termination — Pos-E-Kon® Wire Pin & Sleeve Connectors

V Series 16 Amps 600VAC

20, 26 & 32 Contacts + 2 Control Contacts & Ground



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



Crimp Tool

CAT. NO.



WT611TB



Screw Terminal Inserts

	SCREW TERMINAL INSERTS	20 + G +2 CONTROL	26 + G +2 CONTROL	32 + G +2 CONTROL
	MALE – PINS 20–14 AWG (.5–2.5 mm ²)	MS210V	MS210V + MS216V	2x MS216V
	FEMALE – SLEEVES 20–14 AWG (.5–2.5 mm ²)	FS110V	FS110V + FS116V	2x FS116V

V Series 16 Amps 600VAC

Bases — Standard Mount			# of Contacts + Ground Connection
			V20: (20 + G) or (26 + G) or (32 + G) + 2 Control
SINGLE LEVER	HOUSING	NPT ENTRY	LEVER LOCKING TYPE
			SINGLE
	Panel Base (No Cover)		PB348
	Panel Base w/Cover		PB448
	Box Base (No Cover)	1" x 3/4"	BB448MV
		1" x 1"	
		2" x 3/4"	BB548MV
	Box Base (No Cover)	2" x 1"	
		1" x 3/4"	BB648MV
		1" x 1"	
	2" x 3/4"	BB748MV	
	2" x 1"		
Hoods — Standard Mount <i>*Plastic body — "A" 3-16 Series standard Hoods include Gaskets: Bases and Special Hoods do not.</i>			
	Side Entry	1" x 3/4"	SH648MV SH748MV
		1" x 1"	
		1" x 1 1/4"	
	Top Entry	1" x 3/4"	TH848MV TH948MV
		1" x 1"	
		1" x 1 1/4"	

¹ Metal "M" cover may be available. Contact your Thomas & Betts sales representative.

Wire Termination — Pos-E-Kon® Wire Pin & Sleeve Connectors

T Series 16 Amps 600VAC



6, 10, 16 & 24 Contacts + Ground

- High-temp 200° C rated inserts
- Silicone Viton® seals for molded-edge gaskets*
- Corrosion-resistant copper-free aluminum housings with special finish
- UL94V-0 ergonomic thermoplastic handles
- Electrostatic epoxy powder-coated finish

*Viton® is a trademark of DuPont Performance Elastomers.







Screw Terminal Inserts

	SCREW TERMINAL INSERTS*	6 + G	10 + G	16 + G	24 + G
	MALE – PINS 20–14 AWG (.5–2.5 mm ²)	MS206T	MS210T	MS216T	MS224T
	FEMALE – SLEEVES 20–14 AWG (.5–2.5 mm ²)	FS106T	FS110T	FS116T	FS124T





* Inserts may be dark brown or gray in color.

T Series 16 Amps 600VAC



Bases — Standard Mount

SINGLE LEVER	DOUBLE LEVER	HOUSING	NPT ENTRY	6	10	16	24	BASE
				LEVER LOCKING TYPE				
				SINGLE	DOUBLE	DOUBLE	DOUBLE	Base to Hood
		Panel Base		PB306T	PB110T	PB116T	PB124T	
		Box Base (No Cover)	1" x 1/2" 1" x 3/4" 2" x 1/2" 2" x 3/4"	BB406TMV BB506TMV	BB010TMV BB110TMV	BB016TMV BB116TMV	BB024TMV BB124TMV	

Hoods — Standard Mount

SINGLE LEVER	DOUBLE LEVER	HOUSING	NPT ENTRY	6	10	16	24	HOODS
				LEVER LOCKING TYPE				
				SINGLE	DOUBLE	DOUBLE	DOUBLE	Hood to Coupler
		Side Entry	1" x 1/2" 1" x 3/4" 1" x 1"	SH606T	SH010TMV	SH016TMV	SH024TMV SH124TMV	
		Top Entry	1" x 1/2" 1" x 3/4" 1" x 1"	TH806T	TH210T	TH216T	TH224T TH324TMV	

Coupler Hoods — Inline For Inline, Portable or Special Service Connections. Coupler Hoods mate to Standard Hoods ONLY.

SINGLE LEVER	DOUBLE LEVER	HOUSING	NPT ENTRY	6	10	16	24	COUPLER
				LEVER LOCKING TYPE				
				SINGLE	DOUBLE	DOUBLE	DOUBLE	Hood to Coupler
		Top Entry	1" x 1/2" 1" x 3/4" 1" x 1"	CH806T	CH610T	CH616TMV CH716T	CH624T CH724T	

Note: Hoods and Bases are black colored to denote special T Series.

Technical Information

A Series

Specifications

DIN VDE 0627/86	DIN VDE 0627/86
DIN VDE 0110/02.79	DIN VDE 0110/02.79
DIN VDE 0110-1/04.97	DIN VDE 0110-1/04.97
IEC 60-664-1, DIN/IEC 512	IEC 60-664-1, DIN/IEC 512

Approvals



MEIE, EZU, SEV

Inserts

Contacts (+ Ground)	3, 4, 10, 16, 32 (2 x 16)
Working Current	A3, A4 @ 10A max. A10-A32 @ 16A max.
Rated Voltage	600VAC
Test Voltage	4kV eff.
Pollution Degree	3
Material	Glass-filled thermoplastic
Temperature Range	-40° C/-40° F to +125° C /+257° F
Flammability	UL94 V-0

Contacts

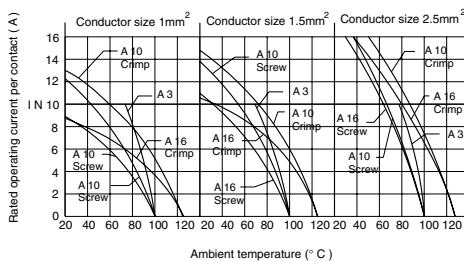
Material	Solid drilled copper alloy
Surface	Hard silver plated Hard gold plated available
Contact Resistance	≤ 1 milliohm
Screw Terminals	Wire AWG
+ with Wire Protection	20-14 AWG (.5-2.5mm)
Crimp Terminals	20-12 AWG (.5-2.5mm)

Housings

Materials	Die-cast aluminum alloy
EPDM Seal Gaskets	Epoxy powder-coat finish
Locking Mechanisms	@ A3, 4, 10, 16
Temperature Range	-40° C/-40° F to +125° C /+257° F
Internal Protection	A3,4: IP44 A10, 16, 32: IP65 per DIN VDE 0470, IEC 529

Thermal Capacity

per DIN/IEC 512



B Series

Specifications

DIN VDE 0627/86
DDIN VDE 0110/02.79
DIN VDE 0110-1/04.97
IEC 60-664-1, DIN/IEC 512

Approvals



MEIE, EZU, SEV

Inserts

Contacts (+ Ground)	6, 10, 16, 24, 32 (2 x 16), 48 (2 x 24)
Working Current	16A max.
Rated Voltage	600VAC
Test Voltage	3kV eff.
Pollution Degree	3
Material	Glass-filled thermoplastic
Temperature Range	-40° C/-40° F to +125° C /+257° F
Flammability	UL94 V-0

Contacts

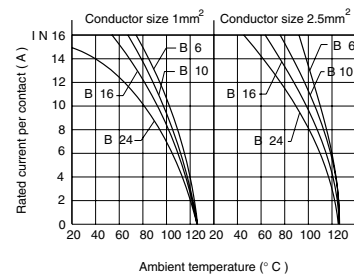
Material	Solid drilled copper alloy
Surface	Hard silver plated Hard gold plated available
Contact Resistance	≤ 1 milliohm
Screw Terminals	Wire AWG
+ with Wire Protection	20-14 AWG (.5-2.5mm)
Crimp Terminals	20-12 AWG (.5-2.5mm)

Housings

Materials	Die-cast aluminum alloy
EPDM Seal Gaskets	Epoxy powder-coat finish
Temperature Range	-40° C/-40° F to +125° C /+257° F
Internal Protection	IP65 locked positions per DIN VDE 0470, IEC 529

Thermal Capacity

per DIN/IEC 512



Technical Information

C Series

Specifications

DIN VDE 0627/86	DIN VDE 0627/86
DIN VDE 0110/02.79	DIN VDE 0110/02.79
DIN VDE 0110-1/04.97	DIN VDE 0110-1/04.97
IEC 60-664-1, DIN/IEC 512	IEC 60-664-1, DIN/IEC 512

Approvals



MEIE, EZU, SEV

Inserts

Contacts (+ Ground)	6, 12 (2 x 6)
Working Current	35A
Rated Voltage	600VAC
Test Voltage	3kV eff.
Pollution Degree	3
Material	Glass-filled thermoplastic
Temperature Range	-40° C/-40° F to +125° C /+257° F
Flammability	UL94 V-0

Contacts

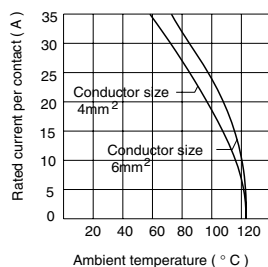
Material	Solid drilled copper alloy
Surface	Hard silver plated Hard gold plated available
Contact Resistance	≤ .5 milliohm
Screw Terminals	Wire AWG
+ with Wire Protection	20–10 AWG (.5–6.0mm)
+ w/o Wire Protection	n/a

Housings

Materials	Die-cast aluminum alloy
EPDM Seal Gaskets	Epoxy powder-coat finish
Temperature Range	-40° C/-40° F to +125° C /+257° F
Internal Protection	IP65 locked positions per DIN VDE 0470, IEC 529

Thermal Capacity

per DIN/IEC 512



D Series

Specifications

DIN VDE 0627/86	DIN 43652
DDIN VDE 0110/02.79	
DIN VDE 0110-1/04.97	
IEC 60-664-1, DIN/IEC 512	

Approvals



MEIE, EZU, SEV

Inserts

Contacts (+ Ground)	7, 8, 15, 25, 40, 50 (2 x 25) 64, 80 (2 x 40), 128 (2 x 64)
Working Current	10A
Rated Voltage	600VAC
Test Voltage	4kV eff.
Pollution Degree	3
Material	Glass-filled thermoplastic
Temperature Range	-40° C/-40° F to +125° C /+257° F
Flammability	UL94 V-0

Contacts

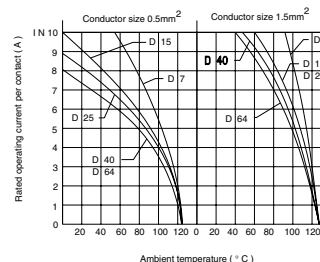
Material	Solid drilled copper alloy
Surface	Hard silver plated Hard gold plated available
Contact Resistance	≤ 3 milliohm
Crimp Terminals	Wire AWG
	26–14 AWG (.142–2.5mm)
> Glass Fiber Optic Cable	POF (Ø) 1mm

Housings

Materials	Die-cast aluminum alloy
EPDM Seal Gaskets	Epoxy powder-coat finish
Temperature Range	-40° C/-40° F to +125° C /+257° F
Internal Protection	IP65 locked positions per DIN VDE 0470, IEC 529

Thermal Capacity

per DIN/IEC 512



Technical Information

DD Series

Specifications

DIN VDE 0627/86
 DIN VDE 0110/02.79
 DIN VDE 0110-1/04.97
 IEC 60-664-1, DIN/IEC 512

Approvals



MEIE, EZU, SEV

Inserts

Contacts (+ Ground) 24, 42, 72, 108, 144 (2 x 72)
Working Current 216 (2 x 108)
 10A
Rated Voltage 600VAC
Test Voltage 2kV eff.
Pollution Degree 3
Material Glass-filled thermoplastic
Temperature Range -40° C/-40° F to +125° C /+257° F
Flammability UL94 V-0

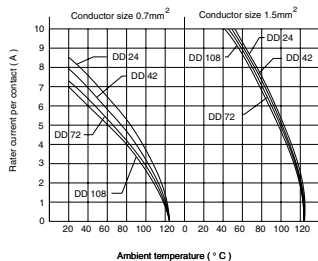
Contacts

Material Solid drilled copper alloy
Surface Hard silver plated
 Hard gold plated available
Contact Resistance ≤ 3 milliohm
Crimp Terminals Wire AWG
 26–14 AWG (.14–2.5mm)
 > Glass Fiber Optic Cable POF {0} 1mm

Housings

Materials Die-cast aluminum alloy
EPDM Seal Gaskets Epoxy powder-coat finish
Temperature Range -40° C/-40° F to +125° C /+257° F
Internal Protection IP65 locked positions
 per DIN VDE 0470, IEC 529

Thermal Capacity



K Series

Specifications

DIN VDE 0627/86 VDE 0113/1.73-10.1.3
 DDIN VDE 0110/4
 VDE 0100/5.73-42a
 IEC 60-664-1, DIN/IEC 512

Approvals



MEIE, EZU, SEV

Inserts

Contacts (+ Ground) 8 (16A) + 4 (80A)
 16 (16A) + 8 (80A)
Working Current 16A and 80A dual
Rated Voltage 600VAC
Test Voltage 2kV eff.
Pollution Degree 3
Material Glass-filled thermoplastic
Temperature Range -40° C/-40° F to +125° C /+257° F
Flammability UL94 V-0

Contacts

Material Solid drilled copper alloy
Surface Hard silver plated
 Hard gold plated available
Contact Resistance ≤ 1 milliohm
Screw Terminals Wire AWG
+ with Wire Protection (16A) 20–14 AWG (.5–2.5mm)
(80A Contacts) 18–4 AWG (1.5–16.0mm)

Housings

Materials Die-cast aluminum alloy
EPDM Seal Gaskets Epoxy powder-coat finish
Temperature Range -40° C/-40° F to +125° C /+257° F
Internal Protection IP65 locked positions
 per DIN VDE 0470, IEC 529

Technical Information

V Series

Specifications

DIN VDE 0627/86
 DIN VDE 0110/02.79
 DIN VDE 0110-1/04.97
 IEC 60-664-1, DIN/IEC 512

Approvals



MEIE, ECU, SEV

Inserts

Contacts (+ Ground) 3, 6, 10, 16, 20 (2 x 10)
 26 (10+16), 32 (2 x 16)

Working Current 16A max.

Rated Voltage 600VAC; switch contacts 400VAC

Test Voltage 3kV eff.

Pollution Degree 3

Material Glass-filled thermoplastic

Temperature Range -40° C/-40° F to +125° C /+257° F

Flammability UL94 V-0

Contacts

Material Solid drilled copper alloy

Surface Hard silver plated
 Hard gold plated available

Contact Resistance ≤ 1 milliohm

Screw Terminals Wire AWG

+ with Wire Protection 20–14 AWG (.5–2.5mm)

Crimp Terminals 20–12 AWG (.5–2.5mm)

Housings

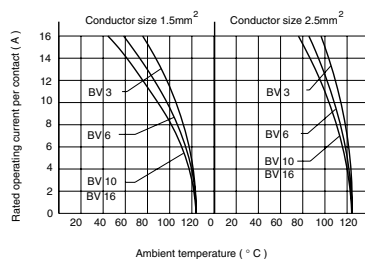
Materials Die-cast aluminum alloy

EPDM Seal Gaskets Epoxy powder-coat finish

Temperature Range -40° C/-40° F to +125° C /+257° F

Internal Protection IP65 locked positions
 per DIN VDE 0470, IEC 529

Thermal Capacity



T Series

Specifications

DIN VDE 0627/86
 DDIN VDE 0110/02.79
 DIN VDE 0110-1/04.97
 IEC 60-664-1, DIN/IEC 512

Approvals



MEIE, ECU, SEV

Inserts

Contacts (+ Ground) 6, 10, 16, 24

Working Current 16A max.

Rated Voltage 600VAC; switch contacts 400VAC

Test Voltage 3kV eff.

Pollution Degree 3

Material Hi-temp thermoplastic

Temperature Range -40° C/-40° F to +200° C /+392° F

Flammability UL94 V-0

Contacts

Material Solid drilled copper alloy

Surface Hard silver plated
 Hard gold plated available

Contact Resistance ≤ 1 milliohm

Screw Terminals Wire AWG

+ with Wire Protection 20–14 AWG (.5–2.5mm)

Housings

Materials Copper-free die-cast aluminum alloy

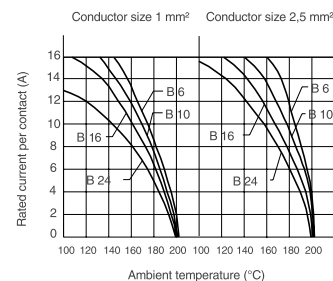
Viton® Seal Gaskets Green epoxy powder coating

Temperature Range -40° C/-40° F to +200° C /+392° F

Internal Protection IP65 locked positions
 per DIN VDE 0470, IEC 529

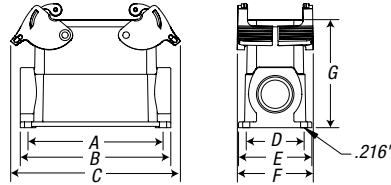
Thermal Capacity

per DIN/IEC 512



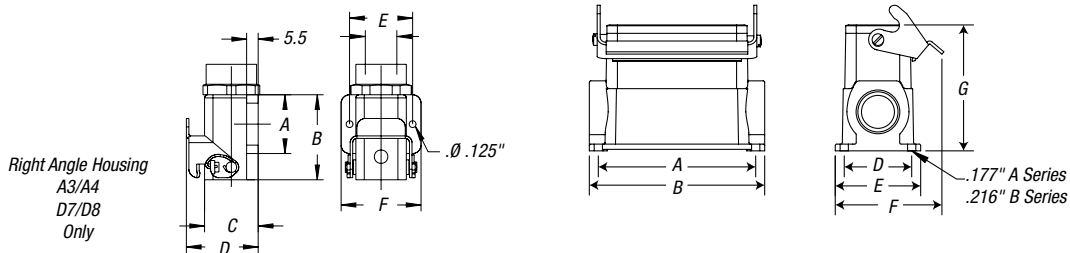
Technical Information

Mounting Dimensions for Double Lever Box Bases



HOUSING SERIES				DIMENSIONS ARE IN INCHES/(MILLIMETERS)							
A, B, T, K	C, V	D	DD	CAT. NO.	A	B	C	D	E	F	G
A32	D50			BB_32A	3.70/(94)	4.17/(106)	5.04/(128)	1.81/(46)	2.20/(56)	2.76/(70)	3.40/(86.5)
B10, T10	V3		DD42	BB_10E	3.23/(82)	3.66/(93)	4.33/(110)	1.57/(40)	2.05/(52)	2.28/(58)	2.05/(52)
				BB_10EH	3.23/(82)	3.66/(93)	4.33/(110)	1.77/(45)	2.24/(57)	2.28/(58)	2.92/(74)
B16, T16	C6, V6	D40	DD72	BB_16E	4.13/(105)	4.61/(117)	5.16/(131)	1.77/(45)	2.24/(57)	2.28/(58)	2.68/(68)
				BB_16EH	4.13/(105)	4.61/(117)	5.16/(131)	1.77/(45)	2.24/(57)	2.28/(58)	3.31/(84)
B24, T24, K12	V10, V16	D64	DD108	BB_24E	5.20/(132)	5.67/(144)	6.18/(157)	1.77/(45)	2.24/(57)	2.28/(58)	2.68/(68)
				BB_24EH	5.20/(132)	5.67/(144)	6.18/(157)	1.77/(45)	2.24/(57)	2.28/(58)	3.31/(84)
B32	C12	D80	DD144	BB_32E	4.41/(112)	4.88/(112)	5.28/(134)	2.64/(67)	3.20/(81.5)	3.62/(92)	2.83/(72)

Mounting Dimensions for Single Lever Box Bases

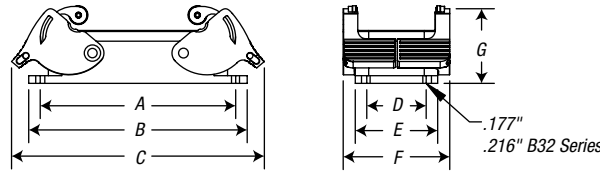


HOUSING SERIES				DIMENSIONS ARE IN INCHES/(MILLIMETERS)							
A, B, T, K	C, V	D	DD	CAT. NO.	A	B	C	D	E	F	G
A3, A4		D7, D8		BB403A(P)*	1.10/(28)	1.59/(40.5)	1.00/(25.5)	1.42/(36)	1.18/(30)	1.50/(38)	—
A10		D15		BB_10A	1.89/(48)	—	3.66/(93)	1.57/(40)	1.97/(50)	2.32/(59)	2.05/(52)
A16		D25		BB_16A	2.52/(64)	—	4.29/(109)	1.57/(40)	1.97/(50)	2.32/(59)	2.24/(57)
				BB_06	2.76/(70)	3.31/(84)	—	1.57/(40)	2.05/(52)	2.72/(69)	2.05/(52)
				BB_06H075	2.76/(70)	3.31/(84)	—	1.77/(45)	2.24/(57)	2.72/(69)	2.92/(74)
				BB_06H100	2.76/(70)	3.31/(84)	—	1.77/(45)	2.24/(57)	2.72/(69)	2.92/(74)
B6, T6			DD24	BB_10	3.23/(82)	3.66/(93)	—	1.57/(40)	2.05/(52)	2.80/(71)	2.05/(52)
				BB_10H075	3.23/(82)	3.66/(93)	—	1.77/(45)	2.24/(57)	2.80/(71)	2.92/(74)
				BB_10H100	3.23/(82)	3.66/(93)	—	1.77/(45)	2.24/(57)	2.80/(71)	2.92/(74)
B10, T10	V3		DD42	BB_16	4.13/(105)	4.61/(117)	—	1.77/(45)	2.24/(57)	2.91/(74)	2.68/(68)
				BB_16H	4.13/(105)	4.61/(117)	—	1.77/(45)	2.24/(57)	2.91/(74)	3.31/(84)
B16, T16	C6, V6	D40	DD72	BB_24	5.20/(132)	5.67/(144)	—	1.77/(45)	2.24/(57)	2.91/(74)	2.68/(68)
				BB_24H	5.20/(132)	5.67/(144)	—	1.77/(45)	2.24/(57)	2.91/(74)	3.31/(84)
B24, T24, K12	V10, V16	D64	DD108	BB_48	4.37/(111)	5.71/(145)	—	4.17/(106)	4.72/(120)	6.18/(157)	3.94/(100)

* Suffix: A — aluminum, P — plastic.

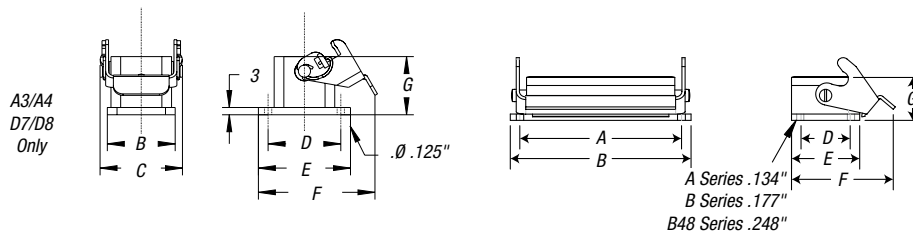
Technical Information

Mounting Dimensions for Double Lever Panel Bases



HOUSING SERIES				DIMENSIONS ARE IN INCHES/(MILLIMETERS)							
A, B, T, K	C, V	D	DD	CAT. NO.	A	B	C	D	E	F	G
A32	D50			PB132A	3.62/(92)	4.02/(102)	5.04/(128)	1.65/(28)	2.24/(57)	2.76/(70)	1.10/(28)
B10, T10	V3		DD42	PB110E	3.27/(83)	3.66/(93)	4.33/(110)	1.26/(32)	1.69/(43)	2.28/(58)	1.06/(27)
B16, T16	C6, V6	D40	DD72	PB116E	4.05/(103)	4.49/(114)	5.16/(131)	1.26/(32)	1.69/(43)	2.28/(58)	1.06/(27)
B24, T24, K12	V10, V16	D64	DD108	PB124E	5.12/(130)	5.51/(140)	6.19/(157)	1.26/(32)	1.69/(43)	2.28/(58)	1.06/(27)
B32	C12	D80	DD144	PB132E	4.33/(110)	4.88/(124)	5.28/(134)	2.56/(65)	3.11/(79)	3.62/(92)	1.18/(30)

Mounting Dimensions for Single Lever Panel Bases

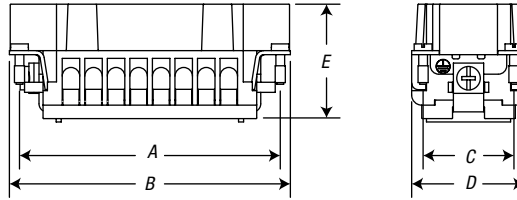


HOUSING SERIES				DIMENSIONS ARE IN INCHES/(MILLIMETERS)							
A, B, T, K	C, V	D	DD	CAT. NO.	A	B	C	D	E	F	G
A3, A4		D7, D8		PB303A (P)*	—	1.10/(28)	1.34/(34)	1.18/(30)	1.50/(38)	1.67/(42.5)	.95/(24)
				PB403A (P)*	—	1.10/(28)	1.38/(35)	1.18/(30)	1.58/(40)	1.85/(47)	.95/(24)
				PB503A (P)	1.10/(28)	1.59/(40.5)	1.00/(25.5)	1.42/(36)	1.18/(30)	1.50/(38)	—
A10		D15		PB310A	2.76/(70)	3.19/(81)	—	.68/(17.5)	1.20/(30.5)	1.93/(49)	1.02/(26)
				PB410A	2.76/(70)	3.19/(81)	—	.68/(17.5)	1.20/(30.5)	2.95/(75)	1.02/(26)
A16		D25		PB316A	3.39/(86)	3.78/(96)	—	.68/(17.5)	1.20/(30.5)	1.93/(49)	1.02/(26)
				PB416A	3.39/(86)	3.78/(96)	—	.68/(17.5)	1.20/(30.5)	2.95/(75)	1.02/(26)
B6, T6			DD24	PB306	2.76/(70)	3.15/(80)	—	1.26/(32)	1.69/(43)	2.56/(65)	1.06/(27)
			PB406	2.76/(70)	3.15/(80)	—	1.26/(32)	1.69/(43)	3.54/(90)	1.06/(27)	
B10, T10	V3		DD42	PB310	3.27/(83)	3.66/(93)	—	1.26/(32)	1.69/(43)	2.64/(67)	1.06/(27)
			PB410	3.27/(83)	3.66/(93)	—	1.26/(32)	1.69/(43)	3.62/(92)	1.06/(27)	
B16, T16	C6, V6	D40	DD72	PB316	4.06/(103)	4.49/(114)	—	1.26/(32)	1.69/(43)	2.64/(67)	1.06/(27)
			PB416	4.06/(103)	4.49/(114)	—	1.26/(32)	1.69/(43)	3.62/(92)	1.06/(27)	
B24, T24, K12	V10, V16	D64	DD108	PB324	5.12/(130)	5.51/(140)	—	1.26/(32)	1.69/(43)	2.64/(67)	1.06/(27)
			PB424	5.12/(130)	5.51/(140)	—	1.26/(32)	1.69/(43)	3.62/(92)	1.06/(27)	
B48, K24, V32	V20, V26	D128	DD216	PB348	5.83/(148)	6.50/(165)	—	2.76/(70)	3.54/(90)	6.18/(157)	1.61/(41)
			PB448	5.83/(148)	6.50/(165)	—	2.76/(70)	3.54/(90)	6.81/(173)	1.61/(41)	

* Suffix: A — aluminum, P — plastic.

Technical Information

Mounting Dimensions for Screw and Crimp Terminal Inserts



HOUSING SERIES				DIMENSIONS ARE IN INCHES/(MILLIMETERS)					
A, B, T, K	C, V	D	DD	MATING	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	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	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	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	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)

Technical Information

Insert Screw Torque Specifications

Insert Mounting Screws accept a Pozi-drive screwdriver head.
Common cross-point or bladed screwdrivers will also work.
Specs refer to Pozi-drive or bladed common torque only.

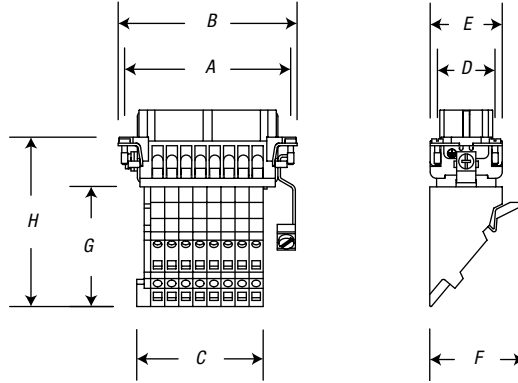
SERIES	SCREW LOCATION	UNIT OF MEASURE SCREWDRIVER	POZI-DRIVE POINT SCREWDRIVER	STD. STRAIGHT-BLADE
A3 A4	Wire Termination Screw	Newton meters	.4	.9
		Inch ounces	57	127
	Insert Grounding Screw	Newton meters	.6	.8
		Inch ounces	85	113
D7 D8	Grounding Screw	Newton meters	.4	.4
		Inch ounces	57	57
A10 A16 A32	Wire Termination Screw	Newton meters	.4	.9
		Inch ounces	57	127
	Insert Fastening Screw	Newton meters	.7	1.1
		Inch ounces	99	156
	Insert Grounding Screw	Newton meters	.7	1.3
		Inch ounces	99	184
D15 D25 D50	Insert Fastening Screw	Newton meters	.7	1.1
		Inch ounces	99	156
	Insert Grounding Screw	Newton meters	.7	1.3
		Inch ounces	99	184
B T V	Wire Termination Screw	Newton meters	.4	.6
		Inch ounces	57	85
	Insert Fastening Screw	Newton meters	.7	1.1
		Inch ounces	99	156
	Insert Grounding Screw	Newton meters	1.2	1.9
		Inch ounces	170	269
C	Wire Termination Screw	Newton meters	.7	1.3
		Inch ounces	99	184
	Insert Fastening Screw	Newton meters	.7	1.1
		Inch ounces	99	156
	Insert Grounding Screw	Newton meters	2.3	2.3
		Inch ounces	326	326
K	Wire Termination Screw	Newton meters	.5/1.4*	—
		Inch ounces	71/198*	—
	Insert Fastening Screw	Newton meters	.7	—
		Inch ounces	99	—
	Insert Grounding Screw	Newton meters	2.3	—
		Inch ounces	326	—

* 16A/80A contacts.

Note: Inch ounces/16.0 = Pound/Inches.

Technical Information

Mounting Dimensions for Wiring Adapters

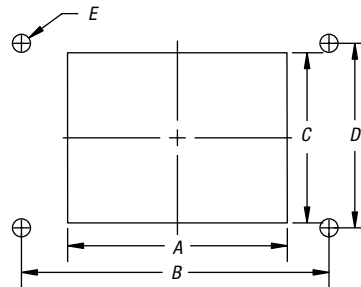
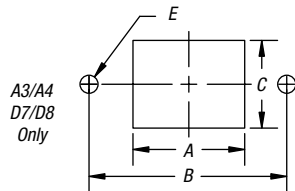


INSERT SERIES	CAT. NO.	DIMENSIONS ARE IN INCHES/(MILLIMETERS)							
		A	B	C	D	E	F	G	H
B6	FS106WAL	1.73/(44)	2.01/(51)	1.03/(26.3)	1.06/(27)	1.34/(34)	1.77/(45)	2.28/(58)	3.54/(90)
	FS106WAR								
	MS206WAL								
	MS206WAR								
B10	FS110WAL	2.13/(54)	2.52/(64)	1.55/(39.5)	1.06/(27)	1.34/(34)	1.77/(45)	2.28/(58)	3.54/(90)
	FS110WAR								
	MS210WAL								
	MS210WAR								
B16	FS116WAL	3.05/(77.5)	3.32/(84.5)	2.33/(59.3)	1.06/(27)	1.34/(34)	1.77/(45)	2.28/(58)	3.54/(90)
	FS116WAR								
	MS216WAL								
	MS216WAR								
B24	FS124WAL	4.09/(104)	4.37/(111)	3.36/(85.7)	1.06/(27)	1.34/(34)	1.77/(45)	2.28/(58)	3.54/(90)
	FS124WAR								
	MS224WAL								
	MS224WAR								
D40	FS340WAL	3.05/(77.5)	3.27/(83)	2.21/(56)	1.06/(27)	1.34/(34)	3.19/(81)	4.53/(115)	5.12/(130)
	MS440WAL								
D64	FS364WAL	4.09/(104)	4.33/(110)	3.39/(86.3)	1.06/(27)	1.34/(34)	3.19/(81)	4.53/(115)	5.12/(130)
	MS464WAL								

-WAL — ground left, -WAR — ground right.

Technical Information

Panel Cut Out Dimensions for Panel Bases

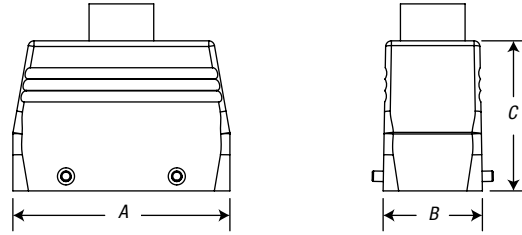


HOUSING SERIES				DIMENSIONS ARE IN INCHES/(MILLIMETERS)				
A, B, T, K	C, V	D	DD	A	B	C	D	E
A3, A4		D7, D8		.83/(21)	1.18/(30)	.83/(21)	—	.125/(3.2)
A10		D15		1.71/(43.5)	2.76/(70)	.95/(24)	.68/(17.5)	.134/(3.4)
A16		D25		2.36/(60)	3.39/(86)	.95/(24)	.68/(17.5)	.134/(3.4)
A32		D50		2.36/(60)	3.62/(92)	1.89/(48)	1.65/(28)	.177/(4.5)
B6, T6			DD24	1.42/(36)	2.76/(70)	1.38/(35)	1.26/(32)	.177/(4.5)
B10, T10	V3		DD42	1.93/(49)	3.27/(83)	1.38/(35)	1.26/(32)	.177/(4.5)
B16, T16	C6, V6	D40	DD72	2.84/(72)	4.06/(103)	1.38/(35)	1.26/(32)	.177/(4.5)
B24, T24, K12	V10, V16	D64	DD108	3.86/(98)	5.12/(130)	1.38/(35)	1.26/(32)	.177/(4.5)
B32	C12	D80	DD144	2.84/(72)	4.33/(110)	2.80/(71)	2.56/(65)	.216/(5.5)
B48, K24	V20, V26, V32	D128	DD216	3.86/(98)	5.83/(148)	2.80/(71)	2.76/(70)	.248/(6.3)

* Dimensions reflect dual inserts mounting.

Technical Information

Mounting Dimensions for Double Post Hoods

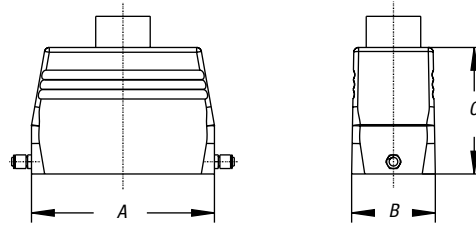


CAT. NO.	HOUSING SERIES				DIMENSIONS ARE IN INCHES/(MILLIMETERS)		
	A, B, T, K	C, V	D	DD	A	B	C
SH_32A	A32	—	D50	—	3.23/(82)	2.21/(56)	2.99/(76)
TH_32A	—	—	—	—	3.23/(82)	2.21/(56)	2.99/(76)
SH_10	—	—	—	—	2.87/(73)	1.69/(43)	2.05/(52)
M3SH_10H	B10, T10	V3	—	DD42	2.87/(73)	1.69/(43)	2.05/(52)
TH_10	—	—	—	—	2.87/(73)	1.69/(43)	2.05/(52)
TH_10H	—	—	—	—	2.87/(73)	1.69/(43)	2.05/(52)
SH_16	—	—	—	—	3.70/(94)	1.69/(43)	2.56/(65)
SH_16H	—	—	—	—	3.70/(94)	1.69/(43)	2.99/(76)
M5SH_16L	B16, T16	C6, V6	D40	DD72	3.70/(94)	1.69/(43)	2.36/(60)
TH_16	—	—	—	—	3.70/(94)	1.69/(43)	2.56/(65)
TH_16H	—	—	—	—	3.70/(94)	1.69/(43)	2.99/(76)
TH_16L	—	—	—	—	3.70/(94)	1.69/(43)	2.36/(60)
SH_24	—	—	—	—	4.72/(120)	1.69/(43)	2.36/(60)
SH_24H	—	—	—	—	4.72/(120)	1.69/(43)	2.99/(76)
M7TH_24	B24, T24, K12	V10, V16	D64	DD108	4.72/(120)	1.69/(43)	2.21/(56)
TH_24H	—	—	—	—	4.72/(120)	1.69/(43)	2.99/(76)
TH424RC	—	—	—	—	4.72/(120)	1.69/(43)	2.99/(76)
SH_32	B32	C12	D80	DD144	3.70/(94)	3.11/(79)	3.15/(80)
TH_32	—	—	—	—	3.70/(94)	3.11/(79)	3.15/(80)

Suffix: A — Aluminum, AP — Plastic, H — High Profile, L — Low Profile, RC — Ribbon Cable (top)

Technical Information

Mounting Dimensions for Single Post Hoods

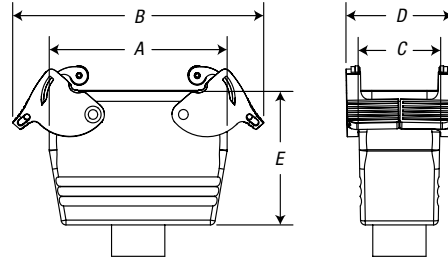


CAT. NO.	HOUSING SERIES				DIMENSIONS ARE IN INCHES/(MILLIMETERS)		
	A, B, T, K	C, V	D	DD	A	B	C
SH603A(P)V	A3, A4	—	D7, D8	—	1.04/(26.5)	1.04/(26.5)	1.89/(48)
TH803A(P)V	—	—	—	—	1.04/(26.5)	1.04/(36.5)	1.89/(48)
SH_10A	—	—	—	—	2.48/(63)	1.42/(36)	2.60/(66)
SH_10AL	A10	—	D15	—	2.48/(63)	1.16/(29.5)	2.09/(53)
TH_10A	—	—	—	—	2.48/(63)	1.42/(36)	2.60/(66)
TH_10AL	—	—	—	—	2.48/(63)	1.16/(29.5)	2.09/(53)
SH_16A	—	—	—	—	3.13/(79.5)	1.42/(36)	2.84/(72)
SH_16AL	A16	—	D25	—	3.13/(79.5)	1.16/(29.5)	2.28/(58)
TH_16A	—	—	—	—	3.13/(79.5)	1.42/(36)	2.84/(72)
TH_16AL	—	—	—	—	3.13/(79.5)	1.16/(29.5)	2.28/(58)
SH_606	—	—	—	—	2.36/(60)	1.69/(43)	1.69/(43)
M2SH_606HXXX	B6, T6	—	—	DD24	2.36/(60)	1.69/(43)	2.84/(72)
TH_806	—	—	—	—	2.36/(60)	1.69/(43)	1.69/(43)
TH_806HXXX	—	—	—	—	2.36/(60)	1.69/(43)	2.84/(72)
SH_610	—	—	—	—	2.87/(73)	1.69/(43)	2.05/(52)
M3SH_610HXXX	B10, T10	V3	—	DD42	2.87/(73)	1.69/(43)	2.84/(72)
TH_810	—	—	—	—	2.87/(73)	1.69/(43)	2.05/(52)
TH_810HXXX	—	—	—	—	2.87/(73)	1.69/(43)	2.84/(72)
SH_616	—	—	—	—	3.70/(94)	1.69/(43)	2.56/(65)
SH_616H	—	—	—	—	3.70/(94)	1.69/(43)	2.99/(76)
SH_616L	—	—	—	—	3.70/(94)	1.69/(43)	2.36/(60)
M5TH_816	B16, T16	C6, V6	D40	DD72	3.70/(94)	1.69/(43)	2.56/(65)
TH_816H	—	—	—	—	3.70/(94)	1.69/(43)	2.99/(76)
TH_816L	—	—	—	—	3.70/(94)	1.69/(43)	2.36/(60)
TH816RC	—	—	—	—	3.70/(94)	1.69/(43)	2.99/(76)
SH_624	—	—	—	—	4.72/(120)	1.69/(43)	2.99/(76)
M7SH_624L	B24, T24	V10, V16	D64	DD108	4.72/(120)	1.69/(43)	2.36/(60)
TH_824	—	—	—	—	4.72/(120)	1.69/(43)	2.99/(76)
TH824L	K12	—	—	—	4.72/(120)	1.69/(43)	2.36/(60)
TH624RC	—	—	—	—	4.72/(120)	1.69/(43)	2.99/(76)
SH_48	B48, K24	V20, V26	D128	DD216	5.16/(131.5)	3.50/(89)	3.78/(96)
TH_48	—	V32	—	—	5.16/(131.5)	3.50/(89)	3.78/(96)

Suffix: AP — Plastic, H — High Profile, L — Low Profile, RC — Ribbon Cable (top entry only)

Technical Information

Mounting Dimensions for Double Lever Coupler Hoods

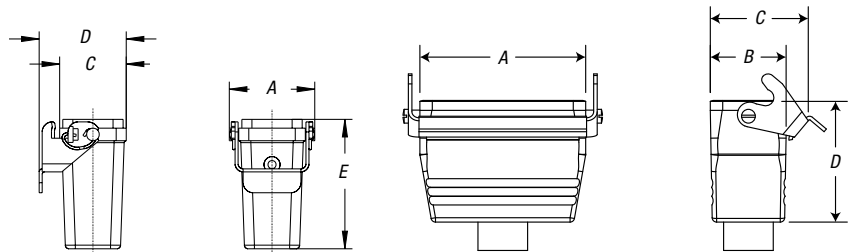


CAT. NO.	HOUSING SERIES				DIMENSIONS ARE IN INCHES/(MILLIMETERS)				
	A, B, T, K	C, V	D	DD	A	B	C	D	E
CH610E	B10, T10	V3		DD42	2.87/(73)	4.33/(110)	1.69/(43)	2.28/(58)	2.02/(51.5)
CH610EHXXX					2.87/(73)	4.33/(110)	1.69/(43)	2.28/(58)	2.87/(73)
CH_16E	B16, T16	C6, V6	D40	DD72	3.70/(94)	5.16/(131)	1.69/(43)	2.28/(58)	2.72/(69)
CH_16EH					3.70/(94)	5.16/(131)	1.69/(43)	2.28/(58)	3.15/(80)
CH616ERC					3.70/(94)	5.16/(131)	1.69/(43)	2.28/(58)	3.15/(80)
CH_24E	B24, T24	C6, V6	D40	DD72	4.72/(120)	6.18/(157)	1.69/(43)	2.28/(58)	3.15/(80)
CH624ERC					K12	4.72/(120)	6.18/(157)	1.69/(43)	2.28/(58)
CH_32E	B32	C12	D80	DD144	3.70/(94)	5.28/(134)	3.11/(79)	3.62/(92)	3.23/(82)

H — High Profile, RC — Ribbon Cable (top entry).

Mounting Dimensions for Single Lever Coupler Hoods

A3/A4
D7/D8
Only

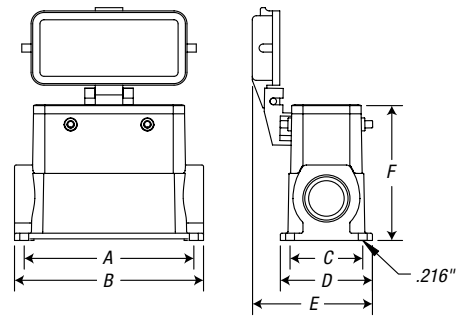


CAT. NO.	HOUSING SERIES				DIMENSIONS ARE IN INCHES/(MILLIMETERS)				
	A, B, T, K	C, V	D	DD	A	B	C	D	E
CH803A(P)*	A3, A4		D7, D8		1.34/(34)	—	1.04/(26.5)	1.43/(36.5)	2.02/(51.5)
CH810A	A10		D15		2.48/(63)	—	1.16/(29.5)	1.92 (49)	1.89/(48)
CH816A	A16	C6, V6	D25		3.13/(79.5)	—	1.16/(29.5)	1.92 (49)	2.09/(53)
CH806	B6, T6			DD24	2.36/(60)	—	1.69/(43)	2.56/(65)	2.02/(51.5)
CH806HXXX					2.36/(60)	—	1.69/(43)	2.56/(65)	2.87/(73)
CH810	B10, T10	V3		DD24	2.87/(73)	—	1.69/(43)	2.64/(67)	2.02/(51.5)
CH810HXXX					2.87/(73)	—	1.69/(43)	2.64/(67)	2.87/(73)
CH_16	B16, T16	C6, V6	D40	DD72	3.70/(94)	—	1.69/(43)	2.64/(67)	2.72/(69)
CH_16H					3.70/(94)	—	1.69/(43)	2.64/(67)	3.15/(80)
CH616RC					3.70/(94)	—	1.69/(43)	2.64/(67)	3.15/(80)
CH_24	B24, T24	V10, V16	D64	DD108	4.72/(120)	—	1.69/(43)	2.64/(67)	3.15/(80)
CH824RC					4.72/(120)	—	1.69/(43)	2.64/(67)	3.15/(80)

*Suffix: A — Aluminum, AP — Plastic, H — High Profile, L — Low Profile, RC — Ribbon Cable (top entry only).

Technical Information

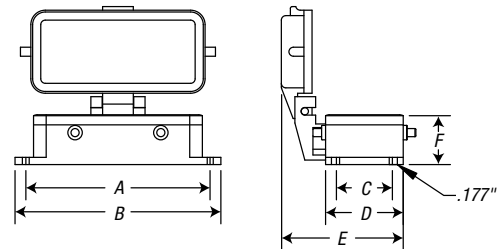
Mounting Dimensions for Double Post Box Bases (Reverse Locking)



CAT. NO.	HOUSING SERIES				DIMENSIONS ARE IN INCHES/(MILLIMETERS)					
	A, B, T, K	C, V	D	DD	A	B	C	D	E	F
BB_32A	A32		D50		3.70/(94)	4.17/(106)	1.81/(46)	2.32/(59)	3.11/(79)	3.20/(81.5)
BB_32A100					3.70/(94)	4.17/(106)	1.81/(46)	2.32/(59)	3.11/(79)	3.20/(81.5)
BB_10	B10, T10	V3		DD42	3.23/(82)	3.66/(93)	1.56/(40)	2.05/(52)	2.87/(73)	2.05/(52)
BB_10H					3.23/(82)	3.66/(93)	1.77/(45)	2.24/(57)	2.97/(75.5)	2.91/(74)
BB_16	B16, T16	C6, V6	D40	DD72	4.13/(105)	4.61/(117)	1.77/(45)	2.24/(57)	2.97/(75.5)	2.68/(68)
BB_24					5.20/(132)	5.67/(144)	1.77/(45)	2.24/(57)	2.97/(75.5)	2.68/(68)
BB_24	B24, T24, K12	C6, V6	D40	DD72	5.20/(132)	5.67/(144)	1.77/(45)	2.24/(57)	2.97/(75.5)	2.68/(68)
BB_24H					5.20/(132)	5.67/(144)	1.77/(45)	2.24/(57)	2.97/(75.5)	3.31/(84)

H — High Profile.

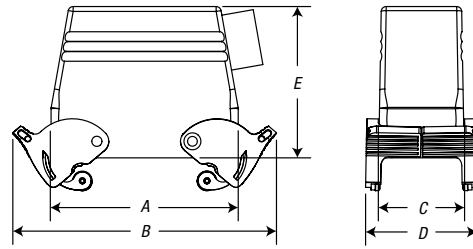
Mounting Dimensions for Double Post Panel Bases (Reverse Locking)



CAT. NO.	HOUSING SERIES				DIMENSIONS ARE IN INCHES/(MILLIMETERS)					
	A, B, T, K	C, V	D	DD	A	B	C	D	E	F
PB232A	A32		D50		3.62/(92)	4.02/(102)	1.65/(42)	2.24/(57)	3.15/(80)	1.10/(28)
PB210	B10, T10	V3		DD42	3.27/(83)	3.66/(93)	1.26/(32)	1.69/(43)	2.68/(68.5)	1.06/(27)
PB216	B16, T16	C6, V6	D40	DD72	4.06/(103)	4.49/(114)	1.26/(32)	1.69/(43)	2.68/(68.5)	1.06/(27)
PB224	B24, T24, K12	C6, V6	D40	DD72	5.12/(130)	5.51/(140)	1.26/(32)	1.69/(43)	2.68/(68.5)	1.06/(27)

Technical Information

Mounting Dimensions for Double Lever Hoods (Reverse Locking)



HOUSING SERIES				CAT. NO.	DIMENSIONS ARE IN INCHES/(MILLIMETERS)				
A, B, T, K	C, V	D	DD		A	B	C	D	E
A32		D50		LH_32A	3.23/(82)	5.04/(128)	2.21/(56)	2.76/(70)	2.99/(76)
B10, T10	V3		DD42	LH_10E	2.87/(73)	4.33/(110)	1.69/(43)	2.28/(58)	1.89/(48)
				LH_10EH	2.87/(73)	4.33/(110)	1.69/(43)	2.28/(58)	2.84/(72)
B16, T16	C6, V6	D40	DD72	LH_16E	3.70/(94)	5.16/(131)	1.69/(43)	2.28/(58)	2.56/(65)
				LH_16EH	3.70/(94)	5.16/(131)	1.69/(43)	2.28/(58)	2.99/(76)
B24, T24, K12	V10, V16	D64	DD108	LH_24E	4.72/(120)	6.18/(157)	1.69/(43)	2.28/(58)	2.99/(76)

H — High Profile

Dust Covers for Housings



HOUSING SERIES				FOR SINGLE-LEVER HOUSINGS	FOR DOUBLE-LEVER HOUSINGS	FOR SINGLE-POST HOUSINGS	FOR DOUBLE-POST HOUSINGS
A, B, T, K	C, V	D	DD				
A3, A4		D7, D8		DCL103A-1			
A10		D15		DCL110A-1		DCS110A-1	
A16		D25		DCL116A-1		DCS116A-1	
A32		D50			DCL232A-1/DCL432A-1*		DCS232A-1
B6, T6**			DD24	DCL106B-1			
B10, T10**	V3		DD42	DCL110B-1	DCL210B-1/DCL410B-1*		
B16, T16**	C6, V6	D40	DD72	DCL116B-1	DCL216B-1/DCL416B-1*		
B24, T24**, K12	V10, V16	D64	DD108	DCL124B-1	DCL224B-1/DCL424B-1*		

* Comes with gasket for hoods with levers and without gaskets.

** Dust covers tested only to 125° C (if applied to 200° C Series T).

Gaskets

CAT. NO.		HOUSING SERIES			
PANEL BASE, FLAT	MOLDED EDGE CONTOUR*	A, B, T, K	C, V	D	DD
A04XFGP	A04XMEC	A3, A4		D7, D8	
A10XFGP	A10XMEC	A10		D15	
A16XFGP	A16XMEC	A16		D25	
A32XFGP	A32XMEC	A32		D50	
B6XFGP	B6XMEC	B6, T6**			DD24
B10XFGP	B10XMEC	B10, T10**	V3		DD42
B16XFGP	B16XMEC	B16, T16**	V6, C6	D40	DD72
B24XFGP	B24XMEC	B24, T24**, K12	V10, V16	D64	DD108
B32XFGP	B32XMEC	B32	C12	D80	DD144
B48XFGP	B48XMEC	B48, K24	V20, V26, V32	D128	DD216

* Install with silicone sealant/adhesive for industrial use.

** For T Series 200° C applications, specify catalog number except use "T" prefix instead of "B" for gaskets. EX: use "T16XFGP" for panel base gaskets.

Technical Information

Coding Pins, Guide Pins and Sleeves can be used in all series housings, with all inserts.

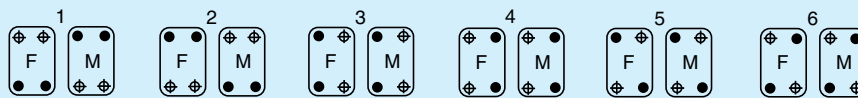
Coding Pin



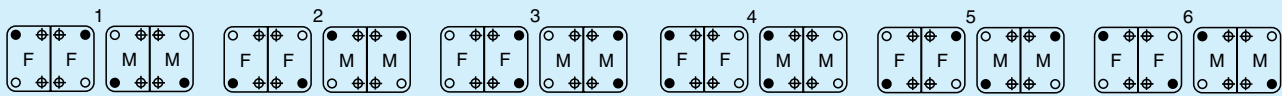
Coding Pins:

Used for rejection in multiple "same size or series" insert/hood installations. Patterns show examples of rejection coding pins installed.

Coding possibilities for single insert series



Coding possibilities for double insert series



Guide Pin



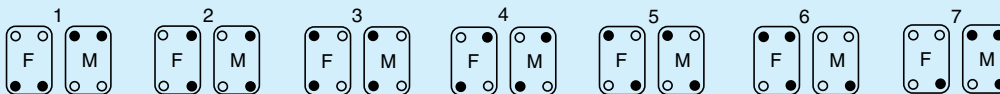
Guide Sleeve



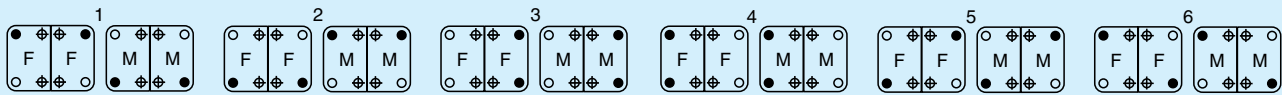
Guide Pins and Sleeves:

Perform same function as coding pins and/or aid high-density insert mating as well.

Coding possibilities for single insert series



Coding possibilities for double insert series



- – Male Guide Pins or Coding Pins
- – Female Guide Sleeves
- ⊕ – Mounting Screw

Technical Information

Metric PG-to-NPT Thread Adapters

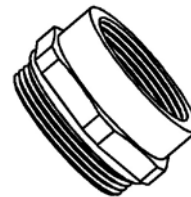
CAT. NO.	NPT THREAD (MATING)	THREAD (AT HOUSING)
PG11-38	3/8"	PG11
PG16-50	1/2"	PG16
PG21-75	3/4"	PG21
PG29-100	1"	PG29
PG36-125	1 1/4"	PG29
PG36-125	1 1/4"	PG36
PG36-150	1 1/2"	PG36
PG42-200	2"	PG42



Supplied standard with all hoods and bases.
Special sizes/hood combinations available.

Metric ISO-to-NPT Thread Adapters

CAT. NO.	NPT THREAD (MATING)	THREAD (AT HOUSING)
M20-50	1/2"	M20
M20-75	3/4"	M20
M32-100	1"	M32



Metric Cord Grip Connectors

CAT. NO.	CABLE O.D. (IN.)		THREAD (AT HOUSING)
	MIN.	MAX.	
CG11-38	.200"	.470"	PG11
CG11-38P*	.325"	.340"	PG11
CG135-50	.285"	.545"	PG13.5
CG16-50	.285"	.625"	PG16
CG21-75	.395"	.790"	PG21
CG29-100	.780"	.060"	PG291

* Plastic



Standard European style — can be specified/supplied with hoods and bases.

Technical Information

Conduit Entry Blind Plug

CAT. NO.	THREAD (AT HOUSING)
CXP722	PG13.5
CXP723	PG16
CXP724	PG21
CXP725	PG29



Non-Metallic Cord Grip Fittings

NPT THREADS CAT. NO.	CORD RANGE		THREAD SIZE
	IN.	MM	
CC-NPT38-G	.197"-.394"	5-10mm	3/8"
CC-NPT12-G	.394"-.551"	10-14mm	1/2"
CC-NPT34-G	.512"-.709"	13-18mm	3/4"
CC-NPT1-G	.709"-.984"	18-25mm	1"



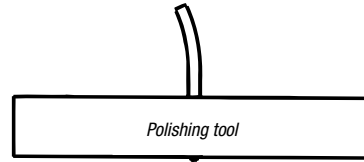
PG THREADS CAT. NO.	CORD RANGE		THREAD SIZE
	IN.	MM	
CC-PG11-G	.197"-.394"	5-10mm	11
CC-PG135-G	.336"-.473"	6-12mm	13.5
CC-PG16-G	.394"-.551"	10-14mm	16
CC-PG21-G	.512"-.709"	13-18mm	21
CC-PG29-G	.709"-.984"	18-25mm	29
CC-PG36-G	.867"-.1.26"	22-32mm	36



Technical Information

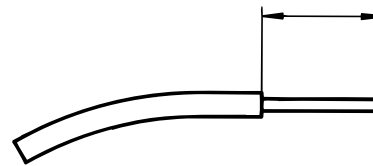
Instructions for Connection with Fiber Optic (POF Cable)

1. Before crimping the POF* cable, 1.0mm to the glass fiber cable contact, the end of the fiber has to be polished. Stick end of POF cable into polishing tool and grind on a plane surface (e.g. glass plate). Wipe off any residues after polishing. The best optical damping values are achieved with wet-polishing-procedure.

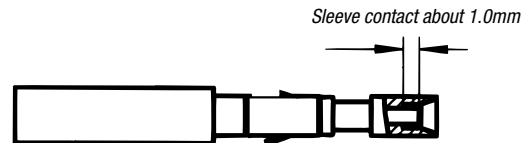
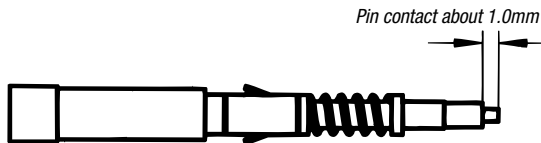


2. Strip 1.0mm POF cable on min. 14mm for D sleeve contacts and min. 19mm for D pin contacts.

*For sleeve contacts min. 14mm
for pin contacts min. 19mm*



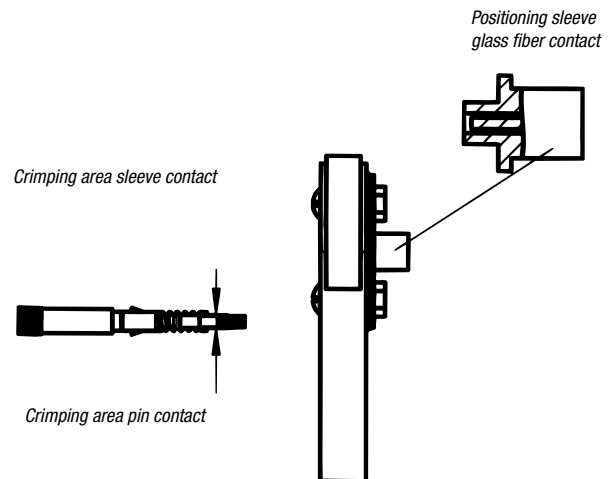
3. Insert stripped POF cable in sleeve or pin contact until stop. The optical fiber should then stick about 1mm out of the contact.



4. Optical fiber crimping:
Adjust the positioning sleeve into the corresponding inlet of the crimping tool with the stop screw at 1.45mm (if necessary check with gauge pin, diameter 1.45mm, with closed crimping tool).

Insert the glass fiber cable contact together with the POF cable through the crimp opening of the crimping tool into the positioning sleeve.

By pressure on the contact, the fiber inside the contact will be locked into the right position for the fiber crimping. Continue pressure until the release mechanism is heard.



* POF = Polymer Optical Fiber