






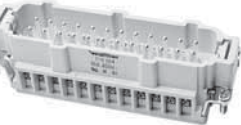



Pos-E-Kon™

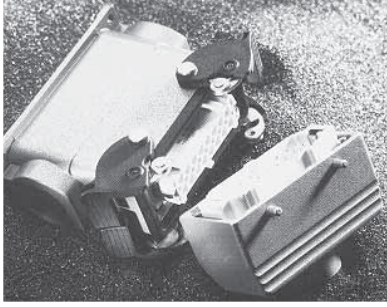
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POSE-KON™

Series	Amperage	Contacts + G	Page
A 	@ 600VAC 10A	3/4, 10, 16, 32	16, 17
B 	16A	6, 10, 16, 24, 32, 48	18-21
C 	35A	6, 12	22, 23
D 	10A	7/8, 15, 25, 40, 50, 64, 80, 128	24-27
DD 	10A	24, 42, 72, 108, 144, 216	28-31
K 	16A/80A	8 + 4, 16 + 8	32, 33
V 	16A	3, 6, 10, 16, 20, 26, 32 (all +2)	34-37
T 	16A/200°C	6, 10, 16, 24 (200°C)	38, 39
M 	Spec	Modular	40-50

Frequently Asked Questions



Answers to the Questions Most Frequently Asked by Users of Pos-E-Kon Connectors

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 applications.

What?

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

How?

- Available from Thomas & Betts – Pos-E-Kon authorized distributors.
- For sales and service, contact your Thomas & Betts Regional Sales Office. Refer to back cover for contact information.

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.

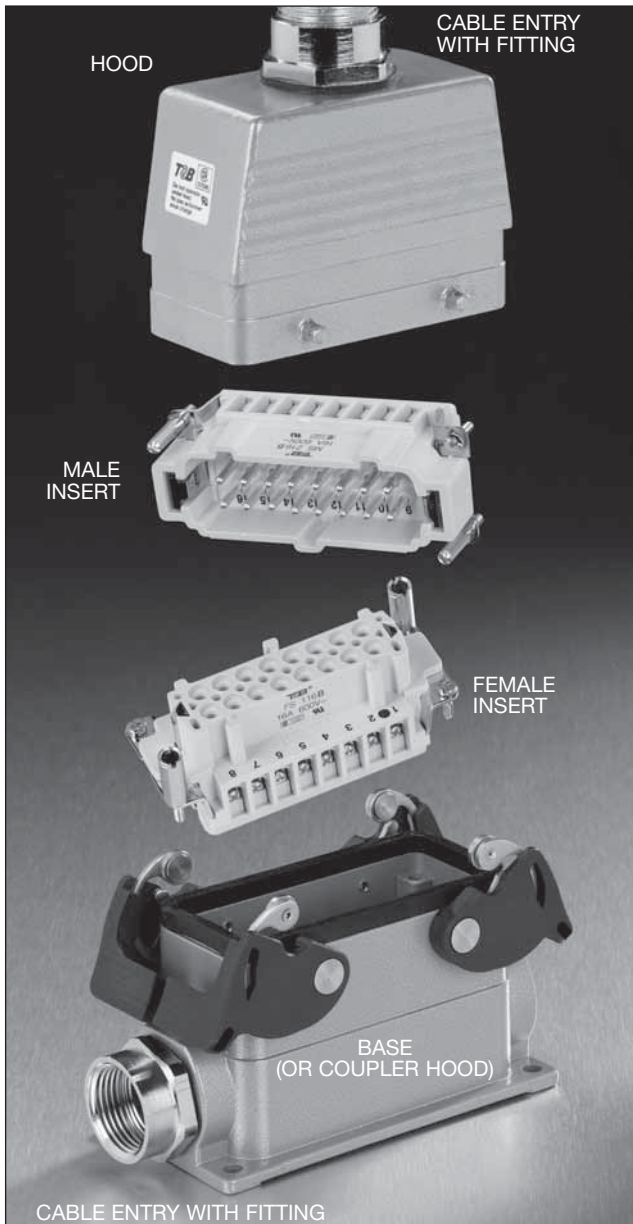
Where?

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.

The Basic System: How to Build for 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 termination 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 in-line 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.
- 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.




Pos-E-Kon Insert Selector Chart

















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

Select the number 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			C, F, A			C, F, A (64)
10	600	DD										C, F						C, F		C, F
80/16	600	K		S			S	Combination Inserts: 4 power (80A) + 8 control (16A), 8 power (80A) + 16 control (16A).												
16-T	600	T			S			S			S		S		High Temp (200°C)					
16-V	600	V	S, C		S, C			S, C			S, C	S, C			S, C	S, C	Includes 2 Pilot Contacts			
Modular	600	M	Configure to individual specs. Options: Fiber Optic, Power and Control Pin selections in sectional inserts. Contact Tech Service for Information.																	

Screw Terminal / Insert Types (Integral Contacts)	10 - 16A A, B, V, T	35A C	16 - 80A K
Screw termination is used for ease of assembly, some heavier gauge wires plus ease of maintenance. No tooling beyond a screwdriver and wire strippers is required.			

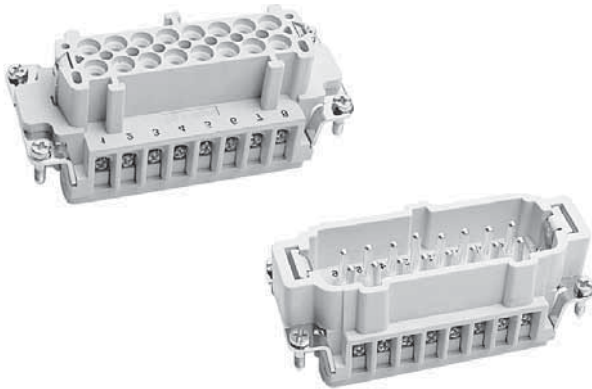
Crimp Terminal / Insert Types (Crimp Contacts)	10A D & DD	16A A & B	5-50A M
Crimp terminals offer solid, thermally cool, vibration resistant terminations for OEM equipment and critical applications. Better for smaller AWG sizes also. Crimp tools are noted in each section.			

16A A & B	10A D & DD	POF D & M	Signal 1.5 A M-Coax	50 Amp M3	16 Amp M 4/5	20 Amp M5	5 Amp M20
							
							

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

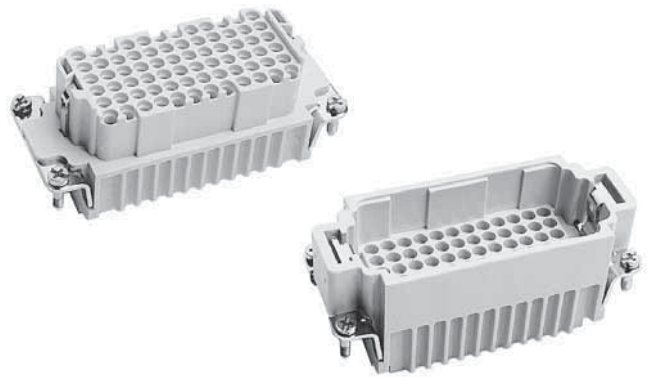
NEW Thermocouple compensated contacts (crimp) also available (Fe and Cu) for A & B series inserts. Contact your Thomas & Betts Regional Sales Office. See back cover for contact information.

Screw Terminal Inserts



- Integral screw terminal contacts provide for easy terminal wiring, 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.

Terminal Block Wiring Adapters

WAR, Right Ground Strap WAL, Left Ground Strap

- Allow 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 mount feet.
- Used in switch cabinets, panel enclosures or mounted in panel base housings – see **B and D series**.

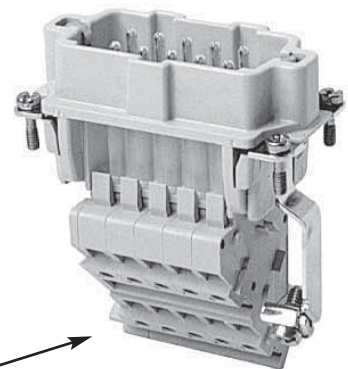
WAM1 Marker Tab Clips

Snap-in formed label holder tabs allow terminal identification for **B Series**.



WAM2 Marker Tab Clips

Snap-in formed label holder tabs allow terminal identification for **D Series**.



DIN Mounting Foot **FE807TB**

WAM1 – Insert Strip Blank – WAM1B
Insert Strip Nos. 1-64 – WAM1N64
Insert Strip Letters A-Z – WAM1AZ

WAM2 – Insert Strip Blank – WAM2B
Insert Strip Nos. 1-64 – WAM2N64
Insert Strip Letters A-Z – WAM2AZ

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 Size Cross Reference Chart below).
- **Dust Covers and More:** See Adapters, pp. 9-10 and Covers p. 10 (or Bases w/Covers) available in most series (Accessories p. 66) see pp. 67-68 for all Adapter Plates.
- **Custom Configurations:** Multiple conduit entry/sizes and other configurations available to spec.

Cross Reference

Applications			Standard Hood/Base Housings									
AMPS	VOLTS	Series	A4	A10	A16	A32	B6	B10	B16	B24	B32	B48
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
ModularM	600	M					M, B6	M, B10	M, B16	M, B24	M, B16	M, B24

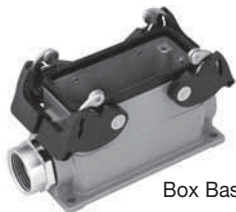
INSERTS

Applications			Special Series Hood/Base Housings									
16A-T ⁿ	600	T					T6	T10	T16	T24		
16A-V [*]	600	V						V3	V6	V10		V32

* Special isolation design allows additional control circuit capability.

ⁿ Special high temperature series in Cu-Free Aluminum with special green epoxy powder-coat, Viton® seals.[†]

[†] Viton is a trademark of DuPont Dow Elastomers.



Box Base

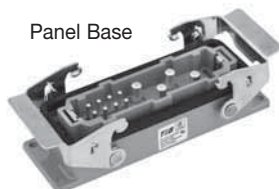


Top Cable Entry



Box Base Housing w/Single lever and spring cover.

New: metal spring covers now available for B series, where noted.



Panel Base

Side Cable Entry

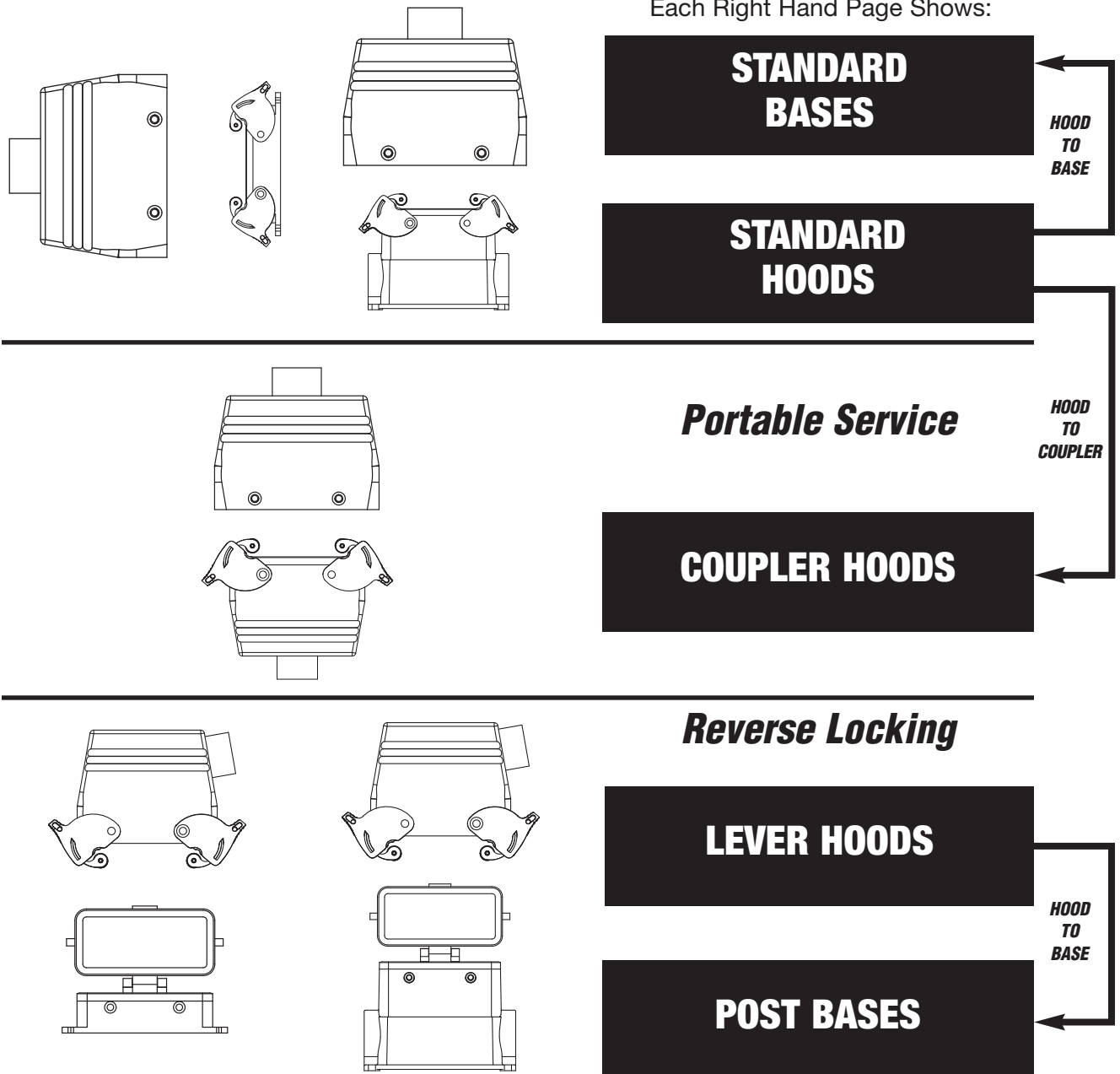


Using the Catalogue: Series layout

1. For each series, select size (number of contacts) from the chart on the left hand page (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, through-panel access, in-line 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.

Each Right Hand Page Shows:



Accessories



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.

See page 67 for ordering information and dimensions.



B24 Insert Mounting Adapter Plates

- Allow housing standardization for multiple applications.
- B24 footprint fit to single B6, B10, B16 inserts.
- Rugged thermoplastic.
- Fits standard B24 hoods and bases.

Cover Plates

- Allow custom connections for drill-and-install work.
- Blank plate for expansion.
- All standard hood/base sizes supported.

See page 68 for ordering information and dimensions.



Dust Covers (thermoplastic) Hinged Covers (thermoplastic or metal)

- Single or double locking options by series.
- Separate covers or fixed mount hinged types.
- New metal fixed mount hinged covers for B series bases now available in select sizes.
- Separate or fixed covers protect contacts when not in use or while unmated.



Wire and Cable Entry Options



Standard Strain Relief Fitting



Optional Strain Relief Trumpet Gland



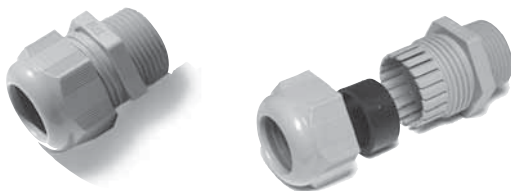
Euro Gland Seal



Box Base Series Set



Hood Seal Set



Strain Relief Fittings

- 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) without fittings for customer cable entry selection.
- Euro standard gland seal also available.

Ribbon or Flat Cable Sealing

- Single, double or triple cable entry options.
- Hoods must be specified as ribbon cable entry style.
- Sealing sets available separately.
- Box base housing sealing sets also available.

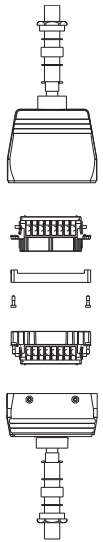
Standard NPT Conduit Adapters

- 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 in. NPT through Pg48 to 1-1/2 in. NPT.

Cord Grip Fittings

- Both NPT and Pg thread styles.
- New thermoplastic sealing glands in NPT, Pg and new ISO threads – for retrofit or original specification.
- More options than shown are available. See our Industrial Fittings Catalogues. (Shown in grey. Black also available.)

Accessories



Assembly Structure Example

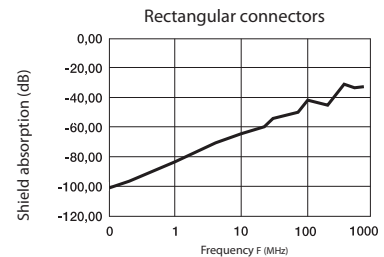


Electro-Magnetic Shielding Component

Shielding Kits

- EM shielding at critical sealing lines.
- Hood/Base and Coupler Hood kits.
- Special EM Hood-Base entry fittings also available (see page 71).

Inserts/Series	Panel Base and Hood Kit	Surface Mount Base or Coupler Hood Kit	EM-Fitting
A10, D15	EM650A10	EM656A10	
A16, D25	EM651A16	EM657A16	see
B6, T6, DD24	EM646B6	EM652B6	page
B10, T10, V3, DD42	EM647B10	EM653B10	71
B16, T16, C6, V6, D40, DD72	EM648B16	EM654B16	
B24, T24, V10, V16, D64, DD108	EM649B24	EM655B24	



Bulkhead/Panel Pass-Through Adapters

- For panel wiring access through panel base entry.
- Clamshell "Split Type" design also available.
- 3 or 4 entry (4 standard).
- Base B16 or B24 sizes.
- Grommets sold separately, see chart below.

Adapter Hood and Panel Base

Series No.	Adapter Hood	Panel Base
B16, T16, C6, V6, D40, DD72 (3 hole)	CA628B16	PB116
B24, T24, V10, V16, D64, DD108 (4 hole)	CA629B24	PB124

Feed-thru Grommets

	Cable O.D. (mm)	Cat. No.		Cable O.D. (mm)	Cat. No.
Straight Grommet	3-4	BSG630	Split Type Grommet	10-11	BCG637
	4-5	BSG631		11-12	BCG638
	5-6	BSG632		12-13	BCG639
	6-7	BSG633		13-14	BCG640
	7-8	BSG634		14-15	BCG641
	8-9	BSG635		15-16	BCG642
Blind Plug	9-10	BSG636			
	-	BPG644			

Use T&B Ty-Rap® No. TYV523M cable tie to bind wire to open-faced grommet.

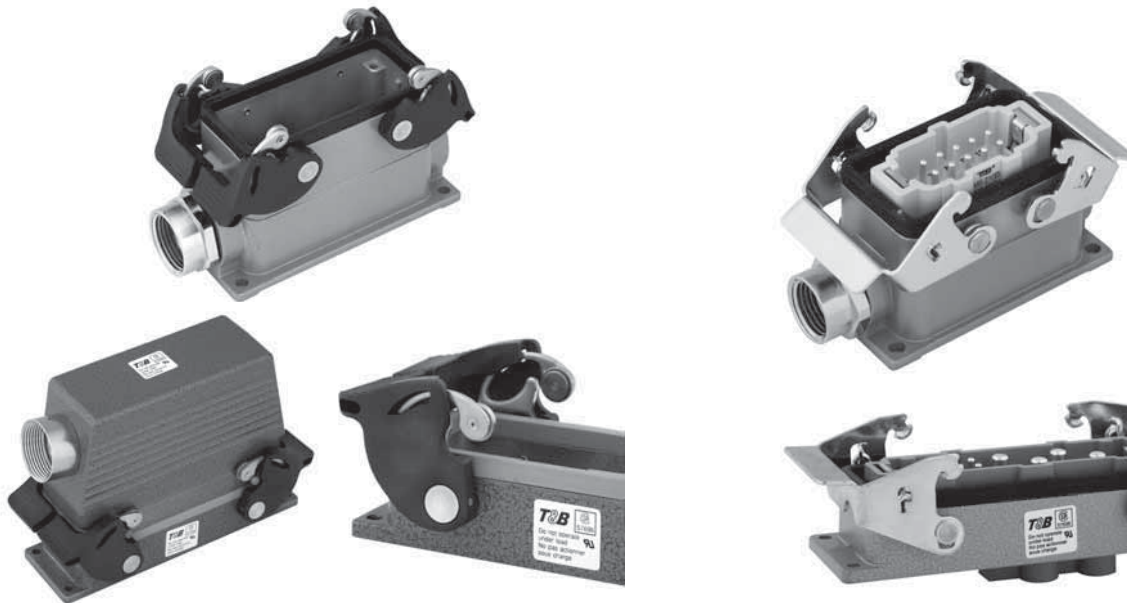
Improvements for 2001

Introducing: New Ergonomic thermoplastic levers for “B” series double lever housings **B10-B24**

Benefits: Non-slip comfortable grip
Easier locking and unlocking

And: New Laser etched labeling for all metal housings and hot-stamped labeling on contact carrier inserts.

Benefits: Permanent marking with all data combined
External marking vs. internal label



New “E” type levers will be standard for double lever B10 through B24 size housings. All single lever housings are constructed with metallic levers.

Metallic levers will continue to be available for all double lever housings. (Minimum order requirements)

Reference: Catalogue Number Conversion

- Add “E” suffix for Ergonomic style levers for all B10, 16 and 24 double-lever housings.

Example: **PB116** (Metal levers) becomes **PB116E** (Thermoplastic levers)

LH224 (Metal levers) becomes **LH224E** (Thermoplastic levers)

Catalogue Numbers affected (New catalogue number construction shown in catalogue)

B10 Series	B16 Series		B24 Series	
PB110	PB116	LH016	PB124	CH624
BB010	BB016	LH016H	BB024	CH724
BB110	BB116	LH116H	BB124	LH124
BB610	BB616	LH216		LH224
BB710	BB716	LH216H		LH024
CH810	CH616			LH324

Catalogue Number System

Easy to use— Catalogue number construction pioneered by Thomas & Betts

Hoods

TH – Top Entry Hood w/NPT fitting
SH – Side Entry Hood w/NPT fitting

Wiring Entry options

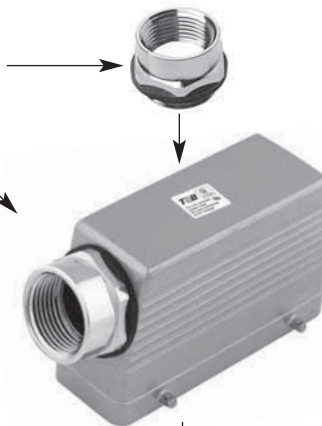
Cord or Conduit Adapter fittings
 Ribbon cable & Euro cable entry
 Housings without fittings
 Custom assemblies

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 post/lever also)



Male and Female Inserts

-same installation to any hood or base orientation

MS – Male Screw Terminal Insert (shown)

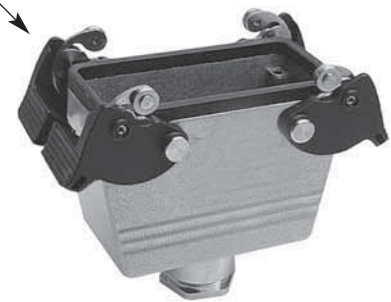
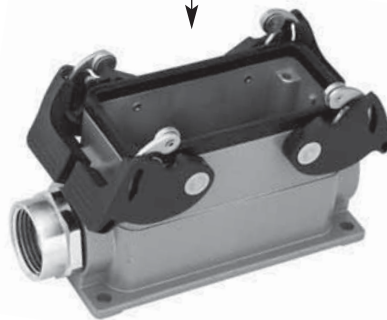
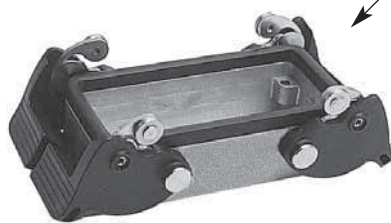
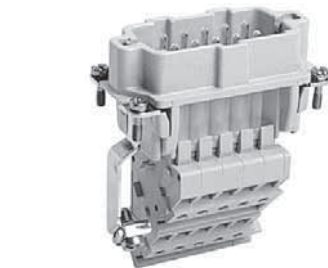
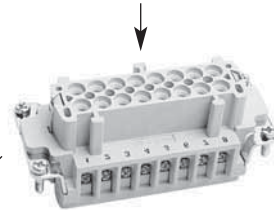
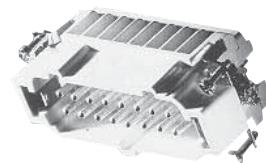
FS – Female Screw Terminal Insert (shown)

– OR –

MC – Male Crimp Insert

FC – Female Crimp Insert

>use **MP** –Male and **FP** –Female Pins



Base Types








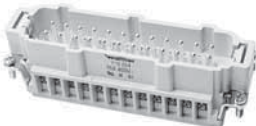

PB – Panel Base Housing
 Panel face or bulkhead mounting
 with rear wiring access

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 post or Double lever/Double posts locking.
- “Reversed Locking” (levers on hoods) available.
- New E-series ergonomic thermoplastic handles for double lever B series (B10, B16, B24).
- Single lever & other series use metal levers.

	Series	Features	Contacts + G	Page
	A Series: 10A: 3, 4 16A: All other	Small, Compact Size Screw Terminal or Crimp Contacts	3, 4, 10, 16, 32	16
	B Series: 16A	Standard Size Screw Terminal or Crimp Contacts	6, 10, 16, 24, 32, 48	18
	C Series: 35A	High Current Screw Terminal	6 or 12	22
	D Series: 10A	Hi-Density Crimp Contacts or Fiber Optic Contacts	7, 8, 15, 25, 40, 50, 64, 80, 128	24
	DD Series: 10A	Very Hi-Density Crimp Contacts or Fiber Optic Contacts	24, 42, 72, 108, 144, 216	28
	K Series: 16A/80A	Combo, Hi-Current/Std. Current Screw Terminals	16A: 8 + 4 80A: 16 + 8	32
	V Series: 16A	Control Circuit Contacts and B Style Screw Terminals	3, 6, 10, 16, 20, 26, 32) +2	34
	T Series: 16A	B Style Hi-Temp 200°C Screw Terminals	6, 10, 16, 24	38
	M Series: (Various)	All Modular Crimp Contacts and Fiber Optic Contacts	Several to 50A 3, 5, 7 Piece Insert holders	40
	Reference & Accessories	Specs, Dimensions, Components and Fiber Optics		51

A Series 10 and 16 Amps 600 VAC

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

Install to
 Matching Series
 Hood/Base

3 or 4 (600V)	10	16	32

Screw Terminal Inserts		3 or 4 + G	10 + G	16 + G	32 + G
	Male – Pins 20-14 AWG (0.5-2.5 mm ²)	MS203A or MS204A (16 AWG max)	MS210A	MS216A	MS216A + MS232A
	Female – Sleeves 20-14 AWG (0.5-2.5 mm ²)	FS103A or FS104A (16 AWG max)	FS110A	FS116A	FS116A + FS132A



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

Crimp Terminal Inserts	
	Male Insert (Order contacts below)
	Female Insert (Order contacts below)

10 + G	16 + G	32 + G
MC410A	MC416A	MC416A + MC432A
FC310A	FC316A	FC316A + FC332A



Contacts Selection			
Crimp Contacts	Wire AWG (mm ²)	Identification	
	20 AWG (0.5 mm ²)	No Groove	
	18 AWG (0.75-1 mm ²)	1 Groove	
	16 AWG (1.5 mm ²)	2 Grooves	
	14 AWG (2.5 mm ²)	3 Grooves	
	12 AWG (4.0 mm ²)	No Groove	

For all Crimp Terminal "A" Inserts

Female	Male
FP2000	MP2000
FP1800	MP1800
FP1600	MP1600
FP1400	MP1400
FP1200	MP1200

Adapter Mount Frames allow "open" wiring inside closed panel enclosure. They also allow Inserts to be assembled as a separable Terminal Block device.

DIN Rail Adapter Mount Frames	
	150mm long, with base for snapping onto DIN rail










For all Inserts



10 + G	16 + G
AMF115	AMF125





A Series 10 and 16 Amps 600 VAC

Number of Contacts + Ground Connection

		Number 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					
Bases – Standard Mount		 	Panel Base w/Cover Angled no Cover	PB303A(P)S PB403A PB503A(P)S	PB310A PB410A	PB316A PB416A	PB132A					
 	Box Base (no Cover)							1 X 3/8" 1 X 1/2" 1 X 3/4" 1 X 1" 2 X 1/2" 2 X 3/4" 2 X 1"	BB403A(P)S	BB410A BB510A	BB416A BB516A	BB032A BB832A BB132A BB132A100
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" 1 X 1/2" 1 X 3/4" 1 X 1"	SH603A(P)S	SH610A* SH710A	SH616A* SH716A	SH032A SH132A						
							 	Top Entry	1 X 3/8" 1 X 1/2" 1 X 3/4" 1 X 1"	TH803A(P)S	TH810A* TH910A	TH816A* TH916A
Coupler Hoods – In-line		For In-line, Portable or Special Service Connections Coupler Hoods mate to Standard Hoods ONLY.										
	Top Entry	1 X 3/8" 1 X 1/2"	CH803A(P)S	CH810A	CH816A							

Lever Hoods – Rev. Lock	
	Side Entry w/Lever(s) 1 X 3/4" 1 X 1"
	Top Entry w/Lever(s) 1 X 3/4" 1 X 1"

Bases – with Access Cover	
	Panel Base+ Posts w/Cover
	Box Base+ Posts w/Cover 1 X 3/4" 1 X 1" 2 X 3/4" 2 X 1"

Reverse Locking
Lever Hoods mate to Post Bases ONLY.

Post Bases accept Lever Hoods ONLY.

LH032A LH132A	HOO DS H O O D T O C O U P L E R
LH232A LH332A	
PB232A BB232A BB232A100 BB332A BB332A100	BASE S B A S E

*Available in Standard or LOW Profile "L" configurations (add suffix L).

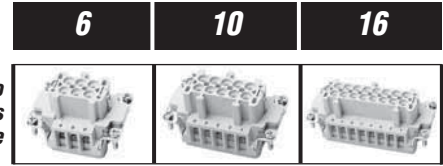
S (P) indicates glass-filled thermoplastic construction, light grey colour (add suffix P).

(PB) indicates glass filled thermoplastic construction, black colour (add suffix PB). Minimum quantity. Purchase may be required.

B Series 16 Amps 600 VAC

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

Install to
Matching Series
Hood/Base



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

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

Accessories	Catalogue No.
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
	Male Insert, Ground L. 20-14 AWG (0.5-2.5 mm ²)	MS206WAL	MS210WAL	MS216WAL
	Male Insert, Ground R. 20-14 AWG (0.5-2.5 mm ²)	MS206WAR	MS210WAR	MS216WAR
	Female Insert, Ground L. 20-14 AWG (0.5-2.5 mm ²)	FS106WAL	FS110WAL	FS116WAL
	Female Insert, Ground R. 20-14 AWG (0.5-2.5 mm ²)	FS106WAR	FS110WAR	FS116WAR
	Foot Element mounting adapter for DIN rail	FE807TB 2 needed	FE807TB 2 needed	FE807TB 2 needed



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

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



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

For all Inserts







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	-	-

Adapter Mount Frames allow “open” wiring inside closed panel enclosure. They also allow Inserts to be assembled as a separable Terminal Block device.

Accepts any Terminal Insert to same series.





B Series 16 Amps 600 VAC

Number of Contacts + Ground Connection

				Number of Contacts + Ground Connection									
				6	10	16							
Single Lever	Double Lever	Housing	NPT Entry	Lever Locking Type					BASE TO HOOD	HOODS TO COUPLER			
				Single	Single	Double	Single	Double					
Bases – Standard Mount			Panel Base w/Cover										
				PB306 ⁿ PB406 ⁿ	PB310 ⁿ PB410 ⁿ	PB110E	PB316 ⁿ PB416 ⁿ	PB116E					
		Box Base (no Cover)		1 X 1/2" 1 X 3/4" 1 X 1" 2 X 1/2" 2 X 3/4" 2 X 1"	BB406 BB406H075 BB406H100 BB506 BB506H075 BB506H100	BB410 BB410H075 BB410H100 BB510 BB510H075 BB510H100	BB010E BB010EH075 BB010EH100 BB110E BB110EH075 BB110EH100	BB416* BB416H100 BB516* BB516H100	BB016E* BB016EH100 BB116E* BB116EH100				
			Box Base w/Cover		1 X 1/2" 1 X 3/4" 1 X 1" 2 X 1/2" 2 X 3/4" 2 X 1"	BB606 ⁿ BB606H075 ⁿ BB606H100 ⁿ BB706 ⁿ BB706H075 ⁿ BB706H100 ⁿ	BB610 ⁿ BB610H075 ⁿ BB610H100 ⁿ BB710 ⁿ BB710H075 ⁿ BB710H100 ⁿ		BB616* ⁿ BB616H100 ⁿ BB716* ⁿ BB716H100 ⁿ				
Hoods – Standard Mount					Side Entry	1 X 1/2" 1 X 3/4" 1 X 1"	SH606 SH606H075 SH606H100	SH610 SH610H075 SH610H100	SH010 SH010H075 SH010H100	SH616 _U SH716 _U	SH016 _U SH116H _U		
						Top Entry	1 X 1/2" 1 X 3/4" 1 X 1"	TH806 TH806H075 TH806H100	TH810 TH810H075 TH810H100	TH210 TH210H075 TH210H100	TH816 _U TH816H100	TH216 _U TH316H	
Coupler Hoods – In-line					Top Entry		1 X 1/2" 1 X 3/4" 1 X 1"	CH806 CH806H075 CH806H100	CH810 CH810H075 CH810H100	CH610E CH610EH075 CH610EH100	CH816H CH916H	CH616EH CH716EH	
							For In-line, Portable or Special Service Connections						
		Coupler Hoods mate to Standard Hoods ONLY.											

Reverse Locking

Lever Hoods mate to Post Bases ONLY.

Lever Hoods – Reversed Lock			Side Entry w/Lever(s)	1 X 1/2" 1 X 3/4" 1 X 1"	LH010E LH010EH075 LH010EH100	LH016E* LH116EH	HOODS TO HOODS
				Top Entry w/Lever(s)	1 X 1/2" 1 X 3/4" 1 X 1"	LH210E LH210EH075 LH210EH100	
Bases – with Access Cover			Panel + Posts w/Cover			PB210 ⁿ	PB216 ⁿ
				Box + Posts w/Cover	1 X 1/2" 1 X 3/4" 1 X 1" 2 X 1/2" 2 X 3/4" 2 X 1"	BB210 ⁿ BB210H075 ⁿ BB210H100 ⁿ BB310 ⁿ BB310H075 ⁿ BB310H100 ⁿ	BB216* ⁿ BB216H100 ⁿ BB316* ⁿ BB316H100 ⁿ

*Available in Standard or HIGH Profile "H" configurations (add suffix H).

ⁿ Add "M" final suffix for metal cover option.

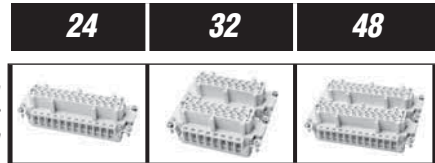
^U Both HIGH (H) and LOW (L) profile also available (add suffix H or L).

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B Series 16 Amps 600 VAC

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

Install to
Matching Series
Hood/Base



Screw Terminal Inserts		24 + G	32 + G	48 + G
	Male Pins 20-14 AWG (0.5-2.5 mm ²)	MS224B	MS216B (1-16) + MS232B (17-32)	MS224B (1-24) + MS248B (25-48)
	Female Sleeves 20-14 AWG (0.5-2.5 mm ²)	FS124B	FS116B (1-16) + FS132B (17-32)	FS124B (1-24) + FS148B (25-48)

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

Accessories	Catalogue No.
Label Insert Clip	WAM-1
Strip blank	WAM1B
Strip Nos. 1-64	WAM1NG4
Strip Letters A - Z	WAM1AZ

Screw Terminal Wiring Adapter Blocks		24 + G
	Male Insert, Ground L. 20-14 AWG (0.5-2.5 mm ²)	MS224WAL
	Male Insert, Ground R. 20-14 AWG (0.5-2.5 mm ²)	MS224WAR
	Female Insert, Ground L. 20-14 AWG (0.5-2.5 mm ²)	FS124WAL
	Female Insert, Ground R. 20-14 AWG (0.5-2.5 mm ²)	FS124WAR
	Foot Element mounting adapter for DIN rail	FE807TB



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

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














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

Adapter Mount Frames allow "open" wiring inside closed panel enclosure. They also allow Inserts to be assembled as a separable Terminal Block device.




DIN Rail Adapter Mount Frames		24 + G
	150 mm long, with base for snapping onto 33 mm rail	AMF124

Number of Contacts + Ground Connection

				Number of Contacts + Ground Connection					
				24 32 48					
Single Lever	Double Lever	Housing	NPT Entry	Lever Locking Type				BASE	HOOD
				Single	Double	Double	Single		
Bases – Standard Mount									
		Panel Base		PB324 ⁿ	PB124E	PB132	PB348	BASE	HOOD
		w/Cover		PB424 ⁿ			PB448		
		Box Base (no Cover)	1 X 3/4" 1 X 1" 2 X 3/4" 2 X 1"	BB424* BB424H100 BB524* BB524H100	BB024E* BB024EH100 BB124E* BB124EH100	BB032 BB132	BB448 BB548		
		Box Base w/Cover	1 X 3/4" 1 X 1" 2 X 3/4" 2 X 1"	BB624* ⁿ BB624H100 ⁿ BB724* ⁿ BB724H100 ⁿ			BB648 BB748		
Hoods – Standard Mount									
		Side Entry	1 X 3/4" 1 X 1" 1 X 1-1/4"	SH624** SH724**	SH024** SH124**	SH032 SH132 SH132-125	SH648 SH748	HOODS	HOOD
		Top Entry	1 X 3/4" 1 X 1" 1 X 1-1/4" Ribbon CBL	TH824** TH924 TH624RC‡	TH224** TH324 TH424RC‡	TH232 TH332 TH332-125	TH848 TH948		
For In-line, Portable or Special Service Connections Coupler Hoods mate to Standard Hoods ONLY.									
Coupler Hoods – In-line Service									
		Top Entry	1 X 3/4" 1 X 1" Ribbon CBL	CH824 CH924 CH824RC‡	CH624E CH724E CH724ERC‡	CH632 CH732		COUPLER	COUPLER

Reverse Locking

Lever Hoods mate to Post Bases ONLY.

Lever Hoods – Rev. Lock					
	Side Entry w/Lever(s)	1 X 3/4" 1 X 1"		LH024E LH124E	HOODS
	Top Entry w/Lever(s)	1 X 3/4" 1 X 1"		LH224E LH324E	
Bases – with Access Cover					
	Panel Base w/Posts + Cover			PB224 ⁿ	BASES
	Box Base w/Posts + Cover	1 X 3/4" 1 X 1" 2 X 3/4" 2 X 1"		BB224* ⁿ BB224H100 BB324* ⁿ BB324H100	

*Available in Standard or HIGH Profile "H" configurations (add suffix H).

**Available in Standard or LOW Profile "L" configurations (add suffix L).

ⁿ Add "M" final suffix for metal cover option.

‡ See page 71 for ribbon cable kits.

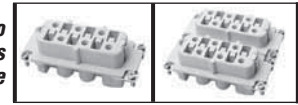
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C Series 35 Amps 600 VAC

6 or 12 Contacts + Ground
















6	12
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Install to
Matching Series
Hood/Base



Screw Terminal Contact Carrier Inserts		6 + G	12 + G
	Male - Pins 20-10 AWG (0.5-2.5 mm ²)	MS206C	MS206C (1-6) + MS212C (7-12)
	Female - Sleeves 20-10 AWG (0.5-2.5 mm ²)	FS106C	FS106C (1-6) + FS112C (7-12)

C Series 35 Amps 600 VAC

				Number of Contacts + Ground Connection		
				6	12	
Single Lever	Double Lever	Housing	NPT Entry	Lever Locking Type		
Bases – Standard Mount				Single	Double	Double
		Panel Base		PB316	PB116E	PB132
		w/Cover		PB416		
		Box Base (no Cover)	1 X 3/4" 1 X 1" 2 X 3/4" 2 X 1"	BB416* BB416H100 BB516* BB516H100	BB016E* BB016EH100 BB116E* BB116EH100	BB032 BB132
		Box Base w/Cover	1 X 3/4" 1 X 1" 2 X 3/4" 2 X 1"	BB616* ⁿ BB616H100 ⁿ BB716* ⁿ BB716H100 ⁿ		
Hoods – Standard Mount		Side Entry	1 X 3/4" 1 X 1" 1 X 1-1/4"	SH616 _U SH716	SH016 _U SH116H	SH032 SH132 SH132-125
				Top Entry	1 X 3/4" 1 X 1" 1 X 1-1/4"	TH816 _U TH816H100
						
Coupler Hoods – In-line		Top Entry	1 X 3/4" 1 X 1"	CH816H CH916H	CH616EH CH716EH	CH632 CH732
						
Lever Hoods – Rev. Lock		Side Entry w/Lever(s)	1 X 3/4" 1 X 1"	LH016E* LH116EH		
				Top Entry w/Lever(s)	1 X 3/4" 1 X 1"	LH216E* LH316EH
						
Bases – with Access Cover		Panel + Posts w/Cover	1 X 3/4" 1 X 1" 2 X 3/4" 2 X 1"	PB216 ⁿ		
				Box + Posts w/Cover		BB216* ⁿ BB216H100 ⁿ BB316* ⁿ BB316H100 ⁿ
						

*Available in Standard or HIGH Profile "H" configurations (add suffix H).
 **Available in Standard or LOW Profile "L" configurations (add suffix L).
ⁿ Add "M" final suffix for metal cover option.
^u Both HIGH (H) and LOW (L) profile also available (add suffix H or L).

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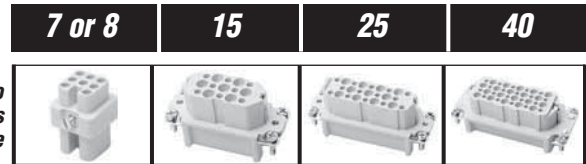
BASE TO HOOD HOODS TO COUPLER

HOODS TO BASE BASES

D Series 10 Amps 600 VAC

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

Install to
Matching Series
Hood/Base



Contacts Sold Separately

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

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

Accessories	Catalogue No.
-------------	---------------

Label Insert Clip	WAM-1
Strip blank	WAM1B
Strip Nos. 1-64	WAM1N64
Strip Letters A - Z	WAM1AZ

Screw Terminal Wiring Adapter Block		40 + G
	Male Insert, Ground L. 26 - 16 AWG (0.2-1.5mm ²)	MS440WAL
	Female Insert, Ground L. 26 - 16 AWG (0.2-1.5mm ²)	FS340WAL
	Foot Element mounting 2X per adapter for DIN rail	FE807TB (2x needed)

Crimp Tool	
	WT80

Extraction Tool	
	RT614

Contacts Selection Chart		For Crimp Terminal "D" Inserts		
Crimp Contacts	Wire Gauge AWG (mm ²)	Identification	Female	Male
	22+ AWG (0.14-0.37 mm ²)	1	FP22SD	MP22SD
	20 AWG (0.5 mm ²)	2	FP20SD	MP20SD
	18 AWG (0.75-1 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 72 for POF installation and tools info.

Fiber Optic Contacts		Female	Male
	Fiber Optic Cable, Size 1 mm	FPF520	MPF530

Adapter Mount Frames allow "open" wiring inside closed panel enclosure. They also allow Inserts to be assembled as a separable Terminal Block device.

DIN Rail Adapter Mount Frames				
	125mm long, with base for snapping onto DIN rail	AMF115	AMF125	AMF016
	150mm long, with base for snapping onto DIN rail			AMF116

Number of Contacts + Ground Connection

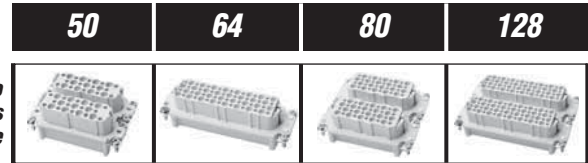
		Number of Contacts + Ground Connection					
		7 or 8	15	25	40		
Single Lever Double Lever	Standard Mount	Housing NPT Entry	Lever Locking Type			B A S E T O H O O D C O U P L E R	
			Single	Single	Single		Single
Bases – Standard Mount		Panel Base	Panel Base	Panel Base	Panel Base		Panel Base
		w/Cover	w/Cover	w/Cover	w/Cover		w/Cover
		Angled, (no Cover)	Angled, (no Cover)	Angled, (no Cover)	Angled, (no Cover)		Angled, (no Cover)
Box Base (no Cover)		Box Base (no Cover)	Box Base (no Cover)	Box Base (no Cover)	Box Base (no Cover)		Box Base (no Cover)
		Box Base (no Cover)	Box Base (no Cover)	Box Base (no Cover)	Box Base (no Cover)		Box Base (no Cover)
		Box Base w/Cover	Box Base w/Cover	Box Base w/Cover	Box Base w/Cover		Box Base w/Cover
		Box Base w/Cover	Box Base w/Cover	Box Base w/Cover	Box Base w/Cover		Box Base w/Cover
Hoods – Standard Mount		Side Entry	Side Entry	Side Entry	Side Entry		Side Entry
		Side Entry	Side Entry	Side Entry	Side Entry	Side Entry	
		Top Entry	Top Entry	Top Entry	Top Entry	Top Entry	
		Top Entry	Top Entry	Top Entry	Top Entry	Top Entry	
Coupler Hoods – In-line		Top Entry	Top Entry	Top Entry	Top Entry	Top Entry	
		Top Entry	Top Entry	Top Entry	Top Entry	Top Entry	
Reverse Locking		Side Entry w/Lever(s)	Side Entry w/Lever(s)	Side Entry w/Lever(s)	Side Entry w/Lever(s)	Side Entry w/Lever(s)	
		Top Entry w/Lever(s)	Top Entry w/Lever(s)	Top Entry w/Lever(s)	Top Entry w/Lever(s)	Top Entry w/Lever(s)	
Bases – with Access Cover		Panel + Posts w/Cover	Panel + Posts w/Cover	Panel + Posts w/Cover	Panel + Posts w/Cover	Panel + Posts w/Cover	
		Box + Posts w/Cover	Box + Posts w/Cover	Box + Posts w/Cover	Box + Posts w/Cover	Box + Posts w/Cover	
		Panel + Posts w/Cover	Panel + Posts w/Cover	Panel + Posts w/Cover	Panel + Posts w/Cover	Panel + Posts w/Cover	
		Box + Posts w/Cover	Box + Posts w/Cover	Box + Posts w/Cover	Box + Posts w/Cover	Box + Posts w/Cover	

*Available in Standard or HIGH Profile "H" configurations (add suffix H).
 **Available in Standard or LOW Profile "L" configurations (add suffix L).
 (P) indicates glass-filled thermoplastic construction.
ⁿ Add "M" final suffix for metal cover option.
^u Both HIGH (H) and LOW (L) profile also available (add suffix H or L).

D Series 10 Amps 600 VAC

50, 64, 80 & 128 Contacts + Ground

Install to
Matching Series
Hood/Base



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)

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

Accessories	Catalogue No.
-------------	---------------

Label Inserts	WAM-2
Strip Blank	WAM2B
Strip Nos. 1-64	W2N64
Strip Letters A - Z	WAM2AZ

Screw Terminal Wiring Adapter Block	
	Male Insert, Ground L. 26 - 16 AWG (0.2-1.5mm ²)
	Female Insert, Ground L. 26 - 16 AWG (0.2-1.5mm ²)
	Foot Element mounting 2X per adapter for DIN rail

64 + G
MS464WAL
FS364WAL
FE807TB (2x needed)

Crimp Tool	
	WT80
Extraction Tool	
	RT614

Contacts Selection Chart			For Crimp Terminal "D" Inserts	
Crimp Contacts	Wire Gauge AWG (mm ²)	Identification	Female	Male
	22+ AWG (0.14-0.37 mm ²)	1	FP22SD	MP22SD
	20 AWG (0.5 mm ²)	2	FP20SD	MP20SD
	18 AWG (0.75-1 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 72 for PDF installation and tools info.

Fiber Optic Contacts	
Crimp Contacts	Wire Gauge AWG (mm ²)
	Fiber Optic Cable, Size 1 mm

Female	Male
FPF520	MPF530










Adapter Mount Frames allow "open" wiring inside closed panel enclosure. They also allow Inserts to be assembled as a separable Terminal Block device.

DIN Rail Adapter Mount Frames	
	150mm long, with base for snapping onto DIN rail

64 + G
AMF124

D Series 10 Amps 600 VAC





Number of Contacts + Ground Connections

				Number of Contacts + Ground Connections						
				50	64	80	128			
Single Lever	Double Lever	Housing	NPT Entry	Lever Locking Type					BASE TO HOOD	HOOD TO COUPLER
				Double	Single	Double	Double	Single		
Bases – Standard Mount		Panel Base		PB132A	PB324	PB124E	PB132	PB348	BASE TO HOOD	HOOD TO COUPLER
		w/Cover		PB403A	PB424					
		Box Base (no Cover)	1 X 3/4" 1 X 1" 2 X 3/4" 2 X 1"	BB032A BB832A BB132A BB132A100	BB424* BB424H100 BB524* BB524H100	BB024E* BB024EH100 BB124E* BB124EH100	BB032 BB132	BB448 BB548		
		Box Base w/Cover	1 X 3/4" 1 X 1" 2 X 3/4" 2 X 1"		BB624*ⁿ BB624H100*ⁿ BB724*ⁿ BB724H100*ⁿ			BB648 BB748		
Hoods – Standard Mount		Side Entry	1 X 3/4" 1 X 1" 1 X 1-1/4"	SH032A SH132A	SH624** SH724**	SH024** SH124**	SH032 SH132	SH648 SH748	HOOD TO COUPLER	COUPLER
		Top Entry	1 X 3/4" 1 X 1" 1 X 1-1/4" Ribbon CBL	TH232A TH332A	TH824** TH924 TH624RC‡	TH224** TH324 TH424RC‡	TH232 TH332	TH848 TH948		
Coupler Hoods – In-line		Top Entry	1 X 3/4" 1 X 1" Ribbon CBL		CH824 CH924 CH824RC‡	CH624E CH724E CH724ERC‡	CH632 CH732		COUPLER	COUPLER
										

For In-line, Portable or Special Service Connections

Coupler Hoods mate to Standard Hoods ONLY.

Reverse Locking

Lever Hoods – Reversed Lock				Lever Hoods mate to Post Bases ONLY.	
	Side Entry w/Lever(s)	1 X 3/4" 1 X 1"	LH032A LH132A		LH024E LH124E
	Top Entry w/Lever(s)	1 X 3/4" 1 X 1"	LH232A LH332A		LH224E LH324E
Bases – with Access Cover				Post Bases accept Lever Hoods ONLY.	
	Panel + Posts w/Cover		PB232A		PB224ⁿ
	Box + Posts w/Cover	1 X 3/4" 1 X 1" 2 X 3/4" 2 X 1"	BB232A BB232A100 BB332A BB332A100		BB224*ⁿ BB224H100 BB324*ⁿ BB324H100

*Available in Standard or HIGH Profile "H" configurations (add suffix H).

**Available in Standard or LOW Profile "L" configurations (add suffix L).

ⁿ Add "M" final suffix for metal cover option.

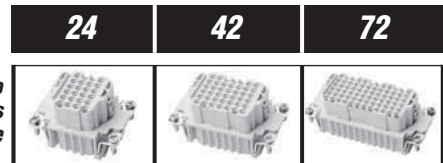
‡ See page 71 for ribbon cable kits.



Pos-E-Kon™

DD Series 10 Amps 600 VAC

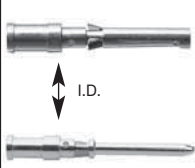
24, 42, 72 Contacts + Ground

Install to
Matching Series
Hood/Base




Crimp Terminal Inserts		24 + G	42 + G	72 + G
	Male Insert (Order contacts below)	MC224DD	MC242DD	MC272DD
	Female Insert (Order contacts below)	FC124DD	FC142DD	FC172DD


Crimp Tool	
	WT80
Extraction Tool	
	RT614

Contacts Selection Chart		For all Crimp Terminal "DD" Inserts		
Crimp Contacts	Wire Gauge AWG (mm²)	Identification	Female	Male
 I.D.	22+ AWG (0.14-0.37 mm²)	1	FP22SD	MP22SD
	20 AWG (0.5 mm²)	2	FP20SD	MP20SD
	18 AWG (0.75-1 mm²)	3	FP18SD	MP18SD
	16 AWG (1.5 mm²)	4	FP16SD	MP16SD
	14 AWG (2.5 mm²)	5	FP14SD	MP14SD














See page 72 for POF
installation and tools info.

Fiber Optic Contacts		Female	Male
	Crimp Contacts Wire Gauge AWG (mm²) Fiber Optic Cable, Size 1 mm	FPF520	MPF530

Adapter Mount Frames allow "open"
wiring inside closed panel enclosure.
They also allow Inserts to be assembled
as a separable Terminal Block device.

DIN Rail Adapter Mount Frames		24 + G	42 + G	72 + G
	150 mm long, with base for snapping onto DIN rail	AMF106	AMF110	AMF116
	125 mm long style	AMF006	AMF010	AMF016
	150 mm long; double for Dual Inserts Mounting	AMF112		

Number of Contacts + Ground Connection

				Number of Contacts + Ground Connection						
				24	42	72				
Single Lever	Double Lever	Housing	NPT Entry	Lever Locking Type					BASE TO HOOD	HOOD TO COUPLER
				Single	Single	Double	Single	Double		
Bases – Standard Mount		Panel Base		PB306ⁿ	PB310ⁿ	PB110E	PB316	PB116E	BASE TO HOOD	HOOD TO COUPLER
		w/Cover		PB406ⁿ	PB410ⁿ		PB416	PB116E		
		Box Base (no Cover)	1 X 1/2" 1 X 3/4" 1 X 1" 2 X 1/2" 2 X 3/4" 2 X 1"	BB406 BB406H075 BB406H100 BB506 BB506H075 BB506H100	BB410 BB410H075 BB410H100 BB510 BB510H075 BB510H100	BB010E BB010EH075 BB010EH100 BB110E BB110EH075 BB110EH100	BB416* BB416H100 BB516* BB516H100	BB016E* BB016EH100 BB116E* BB116EH100		
		Box Base w/Cover	1 X 1/2" 1 X 3/4" 1 X 1" 2 X 1/2" 2 X 3/4" 2 X 1"	BB606ⁿ BB606H075ⁿ BB606H100ⁿ BB706ⁿ BB706H075ⁿ BB706H100ⁿ	BB610ⁿ BB610H075ⁿ BB610H100ⁿ BB710ⁿ BB710H075ⁿ BB710H100ⁿ		BB616*ⁿ BB616H100ⁿ BB716*ⁿ BB716H100ⁿ			
Hoods – Standard Mount		Side Entry	1 X 1/2" 1 X 3/4" 1 X 1"	SH606 SH606H075 SH606H100	SH610 SH610H075 SH610H100	SH010 SH010H075 SH010H100	SH616_L SH716	SH016_L SH116H	HOOD TO COUPLER	
		Top Entry	1 X 1/2" 1 X 3/4" 1 X 1" Ribbon CBL	TH806 TH806H075 TH806H100	TH810 TH810H075 TH810H100	TH210 TH210H075 TH210H100	TH816_L TH816H100 TH816RC‡	TH216_L TH316H TH216RC‡		
Coupler Hoods – In-line		Top Entry w/Lever(s)	1 X 1/2" 1 X 3/4" 1 X 1" Ribbon CBL	CH806 CH806H075 CH806H100	CH810 CH810H075 CH810H100	CH610E CH610EH075 CH610EH100	CH816H CH916H CH816RC‡	CH616EH CH716EH CH616ERC‡	HOOD TO COUPLER	
										
Lever Hoods – Reversed Lock		Side Entry w/Lever(s)	1 X 1/2" 1 X 3/4" 1 X 1"			LH010E LH010EH075 LH010EH100		LH016E* LH116EH	HOOD TO COUPLER	
		Top Entry w/Lever(s)	1 X 1/2" 1 X 3/4" 1 X 1"			LH210E LH210EH075 LH210EH100		LH216E* LH316EH		
Bases – with Access Cover		Panel + Posts w/Cover				PB210ⁿ		PB216ⁿ	BASE TO HOOD	
		Box + Posts w/Cover	1 X 1/2" 1 X 3/4" 1 X 1" 2 X 1/2" 2 X 3/4" 2 X 1"			BB210ⁿ BB210H075ⁿ BB210H100ⁿ BB310 BB310H075ⁿ BB310H100ⁿ		BB216*ⁿ BB216H100ⁿ BB316*ⁿ BB316H100ⁿ		

* Available in Standard or HIGH Profile "H" configurations (add suffix H).
ⁿ Add "M" final suffix for metal cover option.
^u Both HIGH (H) and LOW (L) profile also available (add suffix H or L).
 ‡ See page 71 for ribbon cable kits.

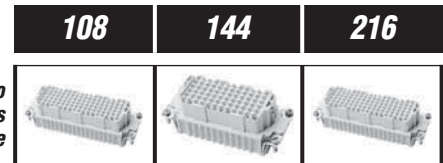
POSE-KON™



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DD Series 10 Amps 600 VAC

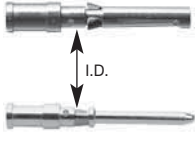
108, 144 & 216 Contacts + Ground

Install to
Matching Series
Hood/Base




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 (mm²)	Identification	Female	Male
	22+ AWG (0.14-0.37 mm²)	1	FP22SD	MP22SD
	20 AWG (0.5 mm²)	2	FP20SD	MP20SD
	18 AWG (0.75-1 mm²)	3	FP18SD	MP18SD
	16 AWG (1.5 mm²)	4	FP16SD	MP16SD
	14 AWG (2.5 mm²)	5	FP14SD	MP14SD

See page 72 for POF
installation and tools info.

Fiber Optic Contacts		Female	Male
Crimp Contacts	Wire Gauge AWG (mm²)		
	Fiber Optic Cable, Size 1 mm	FPF520	MPF530






For all Inserts





Adapter Mount Frames allow "open" wiring inside closed panel enclosure. They also allow Inserts to be assembled as a separable Terminal Block device.



DIN Rail Adapter Mount Frames		108 + G
	150 mm long, with base for snapping onto DIN rail	AMF124





DD Series 10 Amps 600 VAC




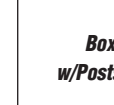
Number of Contacts + Ground Connections

				Number of Contacts + Ground Connections			
				108	144	216	
Single Lever	Double Lever	Housing	NPT Entry	Lever Locking Type			
Bases – Standard Mount				Single	Double	Double	Single
		Panel Base w/Cover		PB324 PB424 ^o	PB124E	PB132	PB348 PB448
		Box Base (no Cover)	1 X 3/4" 1 X 1" 2 X 3/4" 2 X 1"	BB424* BB424H100 BB524* BB524H100	BB024E* BB024EH100 BB124E* BB124EH100	BB032 BB132	BB448 BB548
		Box Base w/Cover	1 X 3/4" 1 X 1" 2 X 3/4" 2 X 1"	BB624* ^o BB624H100 ^o BB724* ^o BB724H100 ^o			BB648 BB748

Hoods – Standard Mount		Housing	NPT Entry	Coupler Hoods mate to Standard Hoods ONLY.			
Single Lever	Double Lever			Side Entry	Double	Double	Single
		Side Entry	1 X 3/4" 1 X 1" 1 X 1-1/4"	SH624** SH724**	SH024** SH124**	SH032 SH132 SH132-125	SH648 SH748
		Top Entry	1 X 3/4" 1 X 1" 1 X 1-1/4" Ribbon CBL	TH624** TH924 TH624RC‡	TH224** TH324 TH424RC‡	TH232 TH332 TH332-125	TH848 TH948

Coupler Hoods – In-line Service		Housing	NPT Entry	Coupler Hoods mate to Standard Hoods ONLY.		
Single Lever	Double Lever			Top Entry	Double	Double
		Top Entry	1 X 3/4" 1 X 1" Ribbon CBL	CH824 CH924 CH824RC‡	CH624E CH724E CH624ERC‡	CH632 CH732

Lever Hoods – Rev. Lock		Housing	NPT Entry	Reverse Locking	
Single Lever	Double Lever			Side Entry w/Lever(s)	Double
		Side Entry w/Lever(s)	1 X 3/4" 1 X 1"	LH024E LH124E	
		Top Entry w/Lever(s)	1 X 3/4" 1 X 1"	LH224E LH324E	

Bases – with Access Cover		Housing	NPT Entry	Post Bases accept Lever Hoods ONLY.	
Single Lever	Double Lever			Panel Base w/Posts + Cover	Double
		Panel Base w/Posts + Cover		PB224 ^o	
		Box Base w/Posts + Cover	1 X 3/4" 1 X 1" 2 X 3/4" 2 X 1"	BB224* ^o BB224H100 BB324* ^o BB324H100	

*Available in Standard or HIGH Profile "H" configurations (add suffix H).
 **Available in Standard or LOW Profile "L" configurations (add suffix L).
^o Add "M" final suffix for metal cover option.
 ‡ See page 71 for ribbon cable kits.

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K Series 80 + 16 Amps 600 VAC

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

4 @ 80A + 8 @ 16A + G	8 @ 80A + 16 @ 16A + G
----------------------------------	-----------------------------------

*Install to
Matching Series
Hood/Base*



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: 6 AWG (16mm²) for 80A Contacts
14 AWG (2.5mm²) for 16A Contacts**












Other Configurations

**Special order high amperage and/
or combo configurations may be
available. Contact your Regional
Sales Office.**

K Series 80 + 16 Amps 600 VAC





Number of Contacts + Ground Connection

K-12	K-24
8 @ 16A + G 4 @ 80A + G	16 @ 16A, + G 8 @ 80A + G

Single Lever	Double Lever	Housing	NPT Entry	Lever Locking Type			BASE TO HOOD
				Single	Double	Single	
Bases – Standard Mount		Panel Base		PB324	PB124E	PB348	BASE TO HOOD
				w/Cover	PB424		
		Box Base (no Cover)	1 X 3/4"	BB424*	BB024E*	BB448	BASE TO HOOD
			1 X 1"	BB424H100	BB024EH100	BB448	
			2 X 3/4"	BB524*	BB124E*	BB548	BASE TO HOOD
			2 X 1"	BB524H100	BB124EH100	BB548	
		Box Base w/Cover	1 X 3/4"	BB624 ⁿ *		BB648	BASE TO HOOD
			1 X 1"	BB624H100 ⁿ		BB648	
			2 X 3/4"	BB724 ⁿ *		BB748	BASE TO HOOD
			2 X 1"	BB724H100 ⁿ		BB748	
Hoods – Standard Mount		Side Entry	1 X 3/4"	SH624**	SH024**	SH648 SH748	HOOD TO COUPLER
			1 X 1"	SH724**	SH124**		
		Top Entry	1 X 3/4"	TH824**	TH224**	TH848 TH948	HOOD TO COUPLER
			1 X 1"	TH924	TH324		
			1 X 1-1/4"				HOOD TO COUPLER
Coupler Hoods – In-line		Top Entry	1 X 3/4"	CH824	CH624E	CH848 CH924	HOOD TO COUPLER
			1 X 1"	CH924	CH724E		

For In-line, Portable or Special Service Connections

Coupler Hoods mate to Standard Hoods ONLY.

Lever Hoods – Rev. Lock		Housing	NPT Entry	Reverse Locking		HOOD TO HOOD
				Lever Hoods mate to Post Bases ONLY.		
	Side Entry w/Lever(s)	Panel Base	1 X 3/4"	LH024E	LH024E LH124E	HOOD TO HOOD
			1 X 1"	LH124E		
	Top Entry w/Lever(s)	Box Base	1 X 3/4"	LH224E	LH224E LH324E	HOOD TO HOOD
			1 X 1"	LH324E		
Bases – with Access Cover		Panel Base w/Posts + Cover		Post Bases accept Lever Hoods ONLY.		BASE TO BASE
				PB224 ⁿ		
	Box Base w/Posts + Cover	1 X 3/4"	BB224 ⁿ *		BB224 ⁿ *	BASE TO BASE
		2 X 3/4"	BB324 ⁿ *			

*Available in Standard or HIGH Profile "H" configurations (add suffix H).

**Available in Standard or LOW Profile "L" configurations (add suffix L).

ⁿ Add "M" final suffix for metal cover option.



V Series 16 Amps 600 VAC

3, 6, 10, 16, 20, 26 & 32 Contacts
+ Control Contacts & Ground

3 + G + 2 Control	6 + G + 2 Control
------------------------------------	------------------------------------



Install to
Matching Series
Hood/Base








Screw Terminal Inserts		3 + G + 2 Control	6 + G + 2 Control
	Male – Pins 20-14 AWG (0.5-2.5 mm ²)	MS203V	MS206V
	Female – Sleeves 20-14 AWG (0.5-2.5 mm ²)	FS103V	FS106V




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

Crimp Terminal Inserts		3 + G + 2 Control	6 + G + 2 Control
	Male Insert (Order contacts below)	MC403V	MC406V
	Female Insert (Order contacts below)	FC303V	FC306V



Contacts Selection		For "V" Series Inserts				Control Contacts Make Last, Break First
Crimp Contacts	Wire AWG (mm ²)	Identification	Female	Male	Switch/Control	
	20 AWG (0.5 mm ²)	No Groove	FP2000	MP2000	–	
	18 AWG (0.75-1 mm ²)	1 Groove	FP1800	MP1800	CP1800	
	16 AWG (1.5 mm ²)	2 Grooves	FP1600	MP1600	CP1600	
	14 AWG (2.5 mm ²)	3 Grooves	FP1400	MP1400	CP1400	
	12 AWG (4.0 mm ²)	No Groove	FP1200	MP1200	–	












Adapter Mount Frames allow "open" wiring inside closed panel enclosure. They also allow Inserts to be assembled as a separable Terminal Block device.

DIN Rail Adapter Mount Frames		3 + G + 2 Control	6 + G + 2 Control
	125mm long, with base for snapping onto DIN rail	AMF010	AMF016
	150mm long, with base for snapping onto DIN rail	AMF110	AMF116

Number 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	
Bases – Standard Mount								
		Panel Base w/Cover		PB303V PB403V	PB103EV PB406V	PB306V PB406V	PB106EV	B A S E T O H O O D
		Box Base (no Cover)	1 X 1/2" 1 X 3/4" 2 X 1/2" 2 X 3/4"	BB403V BB503V	BB003EV BB103EV	BB406V BB506V	BB006EV BB106EV	
		Box Base w/Cover	1 X 1/2" 1 X 3/4" 2 X 1/2" 2 X 3/4"	BB603Vⁿ BB703Vⁿ		BB606Vⁿ BB706Vⁿ		
Hoods – Standard Mount								
		Side Entry	1 X 1/2" 1 X 3/4"	SH603V	SH003V	SH606V	SH006V	H O O D T O C O U P L E R
		Top Entry	1 X 1/2" 1 X 3/4"	TH803V	TH203V	TH806V	TH206V	
Coupler Hoods – In-line								
		Top Entry	1 X 1/2" 1 X 3/4"	CH803V	CH603EV	CH806V	CH606EV	

For In-line, Portable or Special Service Connections

Coupler Hoods mate to Standard Hoods ONLY.

Lever Hoods – Rev. Lock				Reverse Locking					
				Lever Hoods mate to Post Bases ONLY.					
		Side Entry w/Levers	1 X 3/4"		LH003EV		LH006EV	H O O D T O B A S E	
		Top Entry w/Levers	1 X 3/4"		LH203EV		LH206EV		
Bases – with Access Cover				Post Bases accept Lever Hoods ONLY.					
		Panel Base w/Posts + Cover			PB203Vⁿ		PB206Vⁿ	B A S E S	
		Box Base w/Posts + Cover	1 X 1/2" 1 X 3/4" 2 X 1/2" 2 X 3/4"		BB203Vⁿ BB303Vⁿ		BB206Vⁿ BB306Vⁿ		

ⁿ Add "M" final suffix for metal cover option.

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V Series 16 Amps 600 VAC

3, 6, 10, 16, 20, 26 & 32 Contacts
+2 Control Contacts & Ground

10 + G + 2 Control	16 + G + 2 Control	20 + G + 2 Control	26 + G + 2 Control	32 + G + 2 Control
-------------------------------------	-------------------------------------	-------------------------------------	-------------------------------------	-------------------------------------



Install to
Matching Series
Hood/Base








Screw Terminal Inserts		10 + G + 2 Control	16 + G + 2 Control	20 + G + 2 Control	26 + G + 2 Control	32 + G + 2 Control
	Male – Pins 20-14 AWG (0.5-2.5 mm ²)	MS210V	MS216V	FS110V x2	MS210V+ MS216V	2x MS216V
	Female – Sleeves 20-14 AWG (0.5-2.5 mm ²)	FS110V	FS116V	FS210V x2	FS110V+ FS116V	2x FS116V



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


Crimp Terminal Inserts		10 + G + 2 Control	16 + G + 2 Control	20 + G + 2 Control	26 + G + 2 Control	32 + G + 2 Control
	Male Insert (Order contacts below)	MC410V	MC416V	MC410V x2	MC410V+ MC416V	2x MC416V
	Female Insert (Order contacts below)	FC310V	FC316V	FC310V x2	FC310V+ FC316V	2x FC316V



Contacts Selection			For all "V" Series Inserts		
Crimp Contacts	Wire AWG (mm²)	Identification	Female	Male	Switch/Control
	20 AWG (0.5 mm ²)	No Groove	FP2000	MP2000	–
	18 AWG (0.75-1 mm ²)	1 Groove	FP1800	MP1800	CP1800
	16 AWG (1.5 mm ²)	2 Grooves	FP1600	MP1600	CP1800
	14 AWG (2.5 mm ²)	3 Grooves	FP1400	MP1400	CP1400
	12 AWG (4.0 mm ²)	No Groove	FP1200	MP1200	–

↑ Grooves






Adapter Mount Frames
allow "open" wiring
inside closed panel
enclosure. They also
allow Inserts to be
assembled as a separable
Terminal Block device.




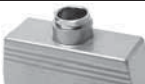
DIN Rail Adapter Mount Frames		10 + G	16 + G
	150mm long, with base for snapping onto DIN rail	AMF124	AMF124

Number of Contacts + Ground Connection


V10: (10 + G) or (16 + G)
+ 2 Control

V20: (20 + G) or (26 + G)
or (32 + G) + 2 Control

Single Lever	Double Lever	Housing	NPT Entry	Lever Locking Type		
				Double	Single	
Bases – Standard Mount						
		Panel Base w/Cover		PB110EV	PB348 PB448V	B A S E T O H O O D
		Box Base (no Cover)	1 X 3/4" 1 X 1" 2 X 3/4" 2 X 1"	BB010EV BB110EV	BB448 BB548	
		Box Base w/Cover	1 X 3/4" 1 X 1" 2 X 3/4" 2 X 1"		BB648 BB748	

Hoods – Standard Mount		Housing	NPT Entry			
						
		Top Entry	1 X 1/2" 1 X 3/4" 1 X 1"	TH210V	TH848 TH948	



For In-line, Portable or Special Service Connections

Coupler Hoods – In-line		Housing	NPT Entry			
						



Coupler Hoods mate to Standard Hoods ONLY.

Reverse Locking

Lever Hoods mate to Post Bases ONLY.

Lever Hoods – Rev. Lock		Housing	NPT Entry			
						
		Top Entry w/Levers	1 X 3/4" 1 X 1"	LH210EV LH210V100		

Post Bases accept Lever Hoods ONLY.

Bases – with Access Cover		Housing	NPT Entry			
						
		Box Base w/Posts + Cover	1 X 3/4" 2 X 3/4"	BB210V[®] BB310V[®]		

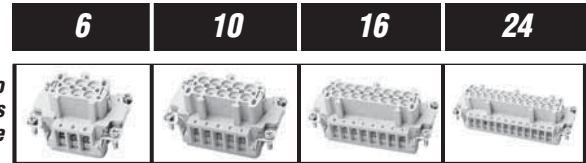
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T Series 16 Amps 600 VAC

6, 10, 16 & 24 Contacts + Ground

- High Temp 200°C Components
- Corrosion Resistant Housings

Install to
Matching Series
Hood/Base



Screw Terminal Inserts		6 + G	10 + G	16 + G	24 + G
	Male – Pins 20-14 AWG (0.5-2.5 mm ²)	MS206T	MS210T	MS216T	MS224T
	Female – Sleeves 20-14 AWG (0.5-2.5 mm ²)	FS106T	FS110T	FS116T	FS124T











T Series Benefits

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

* Viton is a trademark of DuPont Dow Elastomers.

High Temp 200°C

Number of Contacts + Ground Connection

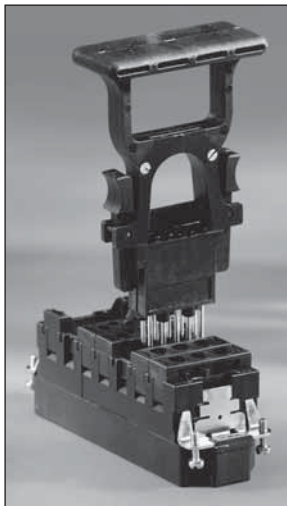
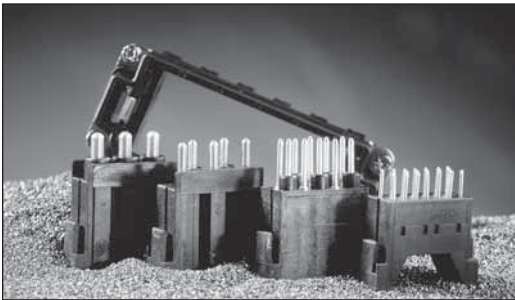
				Number of Contacts + Ground Connection					
				6	10	16	24		
Single Lever	Double Lever	Housing	Pg Metric Entry	Lever Locking Type				BASE TO HOOD	
Bases – Standard Mount				Single	Double	Double	Double		
		Panel Base		PB306T	PB110ET	PB116ET	PB124ET	BASE TO HOOD	
		Box Base (no Cover)	1 X 16 1 X 21 2 X 16 2 X 21	BB406T BB506T	BB010ET BB110ET	BB016ET BB116ET	BB024ET BB124ET		
Hoods – Standard Mount		Housing	Pg Metric Entry	Lever Locking Type				HOODS TO COUPLER	
Single Lever	Double Lever			Single	Double	Double	Double		
		Side Entry	1 X 16 1 X 21 1 X 29	SH606T	SH010T	SH016T	SH024T SH124T	HOODS TO COUPLER	
		Top Entry	1 X 16 1 X 21 1 X 29	TH806T	TH210T	TH216T	TH224T TH324T		
Coupler Hoods – In-line		Housing	Pg Metric Entry	Lever Locking Type				COUPLER	
Single Lever	Double Lever			Single	Double	Double	Double		
		Top Entry	1 X 16 1 X 21 1 X 29	CH806T	CH610ET	CH616ET CH716ET	CH624ET CH724ET	COUPLER	

Note: Hoods and Bases are green colored to denote special T series.

POSE-KON™

Mix and Match Modular Connections

- Signal, fiber optic, control and power connections **all in one connection point.**
- 2, 3, 5 and 7 slot insert holders provide unlimited flexibility.
- Standard single inserts:
 - › 3 pole Coax Signal
 - › 3 pole, 50A, 600 VAC
 - › 4 pole +G, 5 pole 16A, 600VAC
 - › 5 pole, 20A, 400VAC
 - › 10 pole, 10A, 250VAC or 10 pole, POF (fiber optic)
 - › 20 pole, 5A, 63VAC
 - › Dummy block
- Standard B series Hoods and Bases



Easy insert removal

How to Specify

- © Select types of contacts/circuits (see above).
- © Select number of each (per insert above).
- © Add up to get holder size
e.g.: 2-POF + 2-50A + 8-10A = 3 inserts plus 3-slot holders.
- © Match holder size required to hood and base options (mating).

Contacts + Inserts + Insert Holder + Housing

M (3P Coax) Series 1.5 Amps 50 VAC



Specifications

Number of Poles	3
Termination Method	Crimp (or solder)
Contacts	Solid Drilled, 3.6mm CoAxial Copper Alloy, Gold Plated
Rated Current	1.5A
Rated Voltage	50V
Volume Resistance	≤6 milliohms
Surge Impedance	50 Ohms
Frequency Range	2 GHz

Inserts

Coax Pin & Sleeve


3 Positions


Crimp Terminal Inserts		3P CoAx
	Male Insert	MC303M
	Female Insert	FC203M



POSE-KON™

Contacts

Tools		
	Crimping Tool	CT700TB
	RG174, 179, 316 Crimp Die RG58 Crimp Die	CD710TB CD720TB
	Contact Removal Tool	RT000TB
	Insert Puller	PT300TB

Male Crimp Contacts		
	Male Coax Pin Contact	MCX500
	Cable Size/Type	RG-174 RG-179 RG-316
	Male Coax Pin Contact	MCX510
	Cable Size/Type	RG-58

Female Crimp Contacts		
	Female Coax Pin Contact	FCX400
	Cable Size/Type	RG-174 RG-179 RG-316
	Female Coax Pin Contact	FCX410
	Cable Size/Type	RG-58

Dummy Inserts		0
	Male Blind Insert: for place keeping in Insert Holder	MC100M
	Female Blind Insert: for place keeping in Insert Holder	FC000M




Pos-E-Kon™

M (3P) Series 50 Amps 600 VAC



Specifications

Number of Poles	3
Termination Method	Crimp
Contacts	Solid Drilled, 3.6mm Copper Alloy, Silver Plated
Rated Current	50 Amp
Rated Voltage	600V
Rated Impulse Voltage	8.0 kV
Test Voltage	4 kV
Volume Resistance	≤1 milliohm

Tools

	Crimping Tool	CT400TB
	RG174, 179, 316 Crimp Die	CD710TB
	Contact Removal Tool	RT000TB
	Insert Puller	PT300TB



Dummy Inserts

		0
	Male Blind Insert: for place keeping in Insert Holder	MC100M
	Female Blind Insert: for place keeping in Insert Holder	FC000M

Inserts


Pin & Sleeve

3 Positions


Crimp Terminal Inserts		3P
	Male Insert	MC103M
	Female Insert	FC003M

Contacts

Male Crimp Pins

	1.5 mm ²	16 AWG	MP16SD50
	2.5 mm ²	14 AWG	MP14SD50
	4 mm ²	12 AWG	MP12SD50
	6 mm ²	10 AWG	MP10SD50
	10 mm ²	8 AWG	MP08SD50



Female Crimp Pins



	1.5 mm ²	16 AWG	FP16SD50
	2.5 mm ²	14 AWG	FP14SD50
	4 mm ²	12 AWG	FP12SD50
	6 mm ²	10 AWG	FP10SD50
	10 mm ²	8 AWG	FP08SD50

Specifications


Number of Poles	4 +G 5
Termination Method	Crimp
Contacts	Stamped & Rolled, 2.5 mm Copper Alloy, Silver Plated
Rated Current	16A
Rated Voltage	600V
Rated Impulse Voltage	8.0 kV
Test Voltage	5.7 kV
Volume Resistance	≤5 milliohms


Inserts




		Pin & Sleeve	4 & 5 Positions
Crimp Terminal Inserts			4P +G
	Male Insert		MC704M
	Female Insert		FC604M



		Pin & Sleeve	5P
Crimp Terminal Inserts			5P
	Male Insert		MC705M
	Female Insert		FC605M

Contacts

Male Crimp Pins			
	0.5 – 1.5 mm ²	20 – 16 AWG	MP16RF16
	1.5 – 2.5 mm ²	16 – 14 AWG	MP14RF16
	2.5 – 4 mm ²	12 AWG	MP12RF16

Female Crimp Pins			
	0.5 – 1.5 mm ²	20 – 16 AWG	FP16RF16
	1.5 – 2.5 mm ²	16 – 14 AWG	FP14RF16
	2.5 – 4 mm ²	12 AWG	FP12RF16

Tools			
	Crimping Tool		CT700TB
	Crimping Die	20 – 16 AWG 16 – 14 AWG	CD730TB CD740TB
	Contact Locator	20 – 16 AWG 16 – 14 AWG	CLO10TB CLO20TB
	Contact Removal Tool		RT800TB
	Insert Puller		PT300TB

Dummy Inserts		0
	Male Blind Insert: for place keeping in Insert Holder	MC100M
	Female Blind Insert: for place keeping in Insert Holder	FC000M

Pos-E-Kon™

M (5P) Series 20 Amps 400 VAC



Specifications

Number of Poles	5
Termination Method	Crimp
Contacts	Solid Drilled, 2.5 mm Copper Alloy, Silver Plated
Rated Current	20A
Rated Voltage	400V
Rated Impulse Voltage	6.0 kV
Test Voltage	3.5 kV
Volume Resistance	≤2 milliohms




Inserts

Pin & Sleeve

5 Positions


Crimp Terminal Inserts		5P
	Male Insert	MC105M
	Female Insert	FC005M

Tools


	Crimping Tool		CT700TB
	Crimping Die	20 – 14 AWG 12 AWG	CD750TB CD760TB
	Contact Locator	20 – 14 AWG 12 AWG	CL430TB CL040TB
	Contact Removal Tool		RT000TB
	Insert Puller		PT300TB

Contacts

Male Crimp Pins



	0.5 mm ²	20 AWG	MP20SD20
	1.0 mm ²	18 AWG	MP18SD20
	1.5 mm ²	16 AWG	MP16SD20
	2.5 mm ²	14 AWG	MP14SD20
	4 mm ²	12 AWG	MP12SD20

Female Crimp Pins

	0.5 mm ²	20 AWG	FP20SD20
	1.0 mm ²	18 AWG	FP18SD20
	1.5 mm ²	16 AWG	FP16SD20
	2.5 mm ²	14 AWG	FP14SD20
	4 mm ²	12 AWG	FP12SD20

Dummy Inserts

0

	Male Blind Insert: for place keeping in Insert Holder	MC100M
	Female Blind Insert: for place keeping in Insert Holder	FC000M



Specifications

Number of Poles	10
Termination Method	Crimp
Contacts	Solid Drilled, 1.6 mm Copper Alloy, Silver Plated
Rated Current	10A
Rated Voltage	250V
Rated Impulse Voltage	4.0 kV
Test Voltage	2.2 kV
Volume Resistance	≤3 milliohms




Inserts


Pin & Sleeve

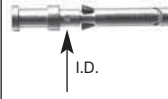
10 Positions



Crimp Terminal Inserts		10P
	Male Insert	MC110M
	Female Insert	FC010M



Contacts



Tools		
	Crimping Tool	WT80
	Contact Removal Tool	RT614
	Insert Puller	PT300TB

Male Pins		Identification	Male	
	0.37 mm ²	22 AWG	1	MP22SD
	2.5 mm ²	20 AWG	2	MP20SD
	4 mm ²	18 AWG	3	MP18SD
	6 mm ²	16 AWG	4	MP16SD
	10 mm ²	14 AWG	5	MP14SD

Female Sleeves		Identification	Female	
	0.37 mm ²	22 AWG	1	FP22SD
	2.5 mm ²	20 AWG	2	FP20SD
	4 mm ²	18 AWG	3	FP18SD
	6 mm ²	16 AWG	4	FP16SD
	10 mm ²	14 AWG	5	FP14SD

Crimping Tools		
	Fiber Optic Crimp Tool	CT610
	Positioning Sleeve	FPS701

Fiber Optic Pin and Sleeve				
	Pin Contact	Glass POF	1mm	MPF530
	Sleeve Contact	Glass POF	1mm	FPF520

Dummy Inserts		0
	Male Blind Insert: for place keeping in Insert Holder	MC100M
	Female Blind Insert: for place keeping in Insert Holder	FC000M

Pos-E-Kon™

M(20P) Series 5 Amps 63 VAC



Specifications

Number of Poles	20
Termination Method	Crimp
Contacts	Stamped, Formed, 1.0 mm Copper Alloy, Gold Plated
Rated Current	5A
Rated Voltage	63V
Rated Impulse Voltage	4.0 kV
Test Voltage	1.68 kV
Volume Resistance	≤5 milliohms




Inserts


Pin & Sleeve

20 Positions



Crimp Terminal Inserts		20P
	Male Insert	MC120M
	Female Insert	FC020M

Contacts

Tools		
	Crimping Tool	CT500TB
	Contact Removal Tool	RT200TB
	Insert Puller	PT300TB

Male Pins			
	0.25 mm ²	28-24 AWG	MP24GS
	0.5 mm ²	24-20 AWG	MP20GS

Female Sleeves			
	0.25 mm ²	28-24 AWG	FP24GS
	0.5 mm ²	24-20 AWG	FP20GS

Dummy Inserts		0
	Male Blind Insert: for place keeping in Insert Holder	MC100M
	Female Blind Insert: for place keeping in Insert Holder	FC000M

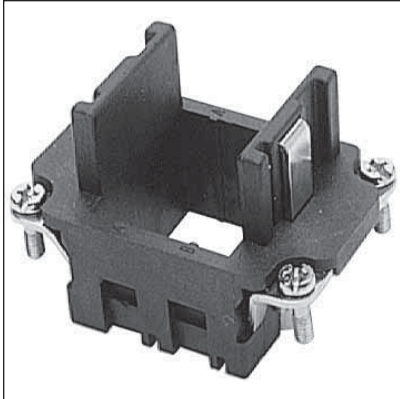
M Series B6 Housing 600 VAC: 2 Inserts

Insert Holders

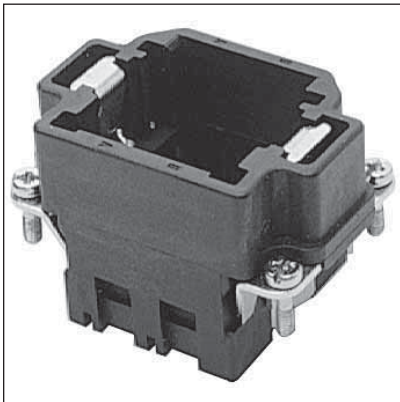
+

Housings







Select one each male and female 2-slot insert holders for B6 housings, then select two each of any male and female M series inserts from pp. 41-46.



2-slot **Female** Insert Holder
F2F006M



2-slot **Male** Insert Holder
F2M106M

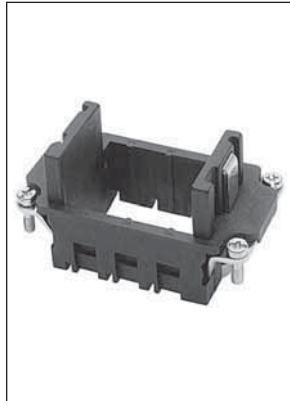
Single Lever		NPT Entry	Lever Locking Type			
Bases – Standard Mount			Single			
	Panel Base		PB306 ⁿ	BASE TO HOOD		
	w/Cover		PB406 ⁿ			
	Box Base (no Cover)	1 X 1/2"	BB406	BASE TO HOOD		
		1 X 3/4"	BB406H075			
		1 X 1"	BB406H100			
		2 X 1/2"	BB506			
		2 X 3/4"	BB506H075			
	Box Base w/Cover	1 X 1/2"	BB606 ⁿ	BASE TO HOOD		
		1 X 3/4"	BB606H075 ⁿ			
		1 X 1"	BB606H100 ⁿ			
		2 X 1/2"	BB706 ⁿ			
		2 X 3/4"	BB706H075 ⁿ			
2 X 1"	BB706H100 ⁿ					
Hoods – Standard Mount						
	Side Entry	1 X 1/2"	SH606	HOODS TO HOOD		
		1 X 3/4"	SH606H075			
		1 X 1"	SH606H100			
	Top Entry	1 X 1/2"	TH806	HOODS TO HOOD		
		1 X 3/4"	TH806H075			
		1 X 1"	TH806H100			
For In-line, Portable or Special Service Connections						
Coupler Hoods		Coupler Hoods mate to Standard Hoods ABOVE.				COUPLER
	Top Entry	1 X 1/2"	CH806	COUPLER		
		1 X 3/4"	CH806H075			
		1 X 1"	CH806H100			

ⁿ Add "M" final suffix for metal cover option.

M Series B10 Housing 600 VAC: 3 Inserts

Insert Holders + Housings

Select one each male and female 3-slot insert holders for B10 housings, then select three each of any male and female M series inserts from pp. 41-46.



3-slot **Female** Insert Holder
F3F010M



3-slot **Male** Insert Holder
F3M110M

Single Lever	Double Lever	Housing	NPT Entry	Lever Locking Type		
Bases – Standard Mount				Single	Double	
		Panel Base		PB310	PB110E	BASE
		w/Cover		PB410		
		Box Base (no Cover)	1 X 1/2" 1 X 3/4" 1 X 1" 2 X 1/2" 2 X 3/4" 2 X 1"	BB410 BB410H075 BB410H100 BB510 BB510H075 BB510H100	BB010E BB010EH075 BB010EH100 BB110E BB110EH075 BB110EH100	
		Box Base w/Cover	1 X 1/2" 1 X 3/4" 1 X 1" 2 X 1/2" 2 X 3/4" 2 X 1"	BB610 ⁿ BB610H075 ⁿ BB610H100 ⁿ BB710 ⁿ BB710H075 ⁿ BB710H100 ⁿ		HOOD
Hoods – Standard Mount						HOODS
		Side Entry	1 X 1/2" 1 X 3/4" 1 X 1"	SH610 SH610H075 SH610H100	SH010 SH010H075 SH010H100	
		Top Entry	1 X 1/2" 1 X 3/4" 1 X 1"	TH810 TH810H075 TH810H100	TH210 TH210H075 TH210H100	COUPLER
Coupler Hoods – In-line						COUPLER
		Top Entry	1 X 1/2" 1 X 3/4" 1 X 1"	CH810 CH810H075 CH810H100	CH610E CH610EH075 CH610EH100	
For In-line, Portable or Special Service Connections Coupler Hoods mate to Standard Hoods.						
Reverse Locking						HOODS
Lever Hoods – Reversed Lock						
		Side Entry w/Lever(s)	1 X 1/2" 1 X 3/4" 1 X 1"		LH010E LH010EH075 LH010EH100	HOOD
		Top Entry w/Lever(s)	1 X 1/2" 1 X 3/4" 1 X 1"		LH210E LH210EH075 LH210EH100	
Bases – with Access Cover						BASES
Post Bases accept Lever Hoods ONLY.						
		Panel Base w/Cover			PB210 ⁿ	BASES
		Box + Posts w/Cover	1 X 1/2" 1 X 3/4" 1 X 1" 2 X 1/2" 2 X 3/4" 2 X 1"		BB210 ⁿ BB210H075 ⁿ BB210H100 ⁿ BB310 ⁿ BB310H075 ⁿ BB310H100 ⁿ	

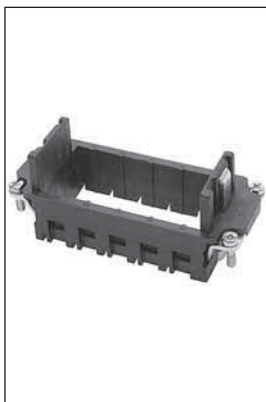
ⁿ Add "M" final suffix for metal cover option.

M Series B16 Housing 600 VAC: 5 Inserts

POSE-KON™

Insert Holders + Housings

Select one each male and female 5-slot insert holders for B16 housings, then select five each of any male and female M series inserts from pp.41-46.



5-slot **Female** Insert Holder
F5F016M

Note: AF10F216M Optional Insert Holder available (+5 insert) Positions V - Z for B32 Housings.



5-slot **Male** Insert Holder
F5M116M

Note: AF10M316M Optional Insert Holder available (+5 insert) Positions V - Z for B32 Housings.

Single Lever		Double Lever		Housing	NPT Entry	Lever Locking Type		
Bases – Standard Mount						Single	Double	
				Panel Base w/Cover		PB316 PB416	PB116E	BASE TO HOOD
				Box Base w/Lever (no Cover)	1 X 3/4" 1 X 1" 2 X 3/4" 2 X 1"	BB416* BB416H100 BB516* BB516H100	BB016E* BB016EH100 BB116E* BB116EH100	
				Box Base w/Cover & Lever	1 X 3/4" 1 X 1" 2 X 3/4" 2 X 1"	BB616* ⁿ BB616H100 ⁿ BB716* ⁿ BB716H100 ⁿ		
Hoods – Standard Mount								HOOD TO COUPLER
				Side Entry w/Posts	1 X 3/4" 1 X 1"	SH616* SH716	SH016* SH116H	
				Top Entry w/Posts	1 X 3/4" 1 X 1"	TH816* TH816H100	TH216* TH316H	
Coupler Hoods – In-line								COUPLER
				Top Entry w/Lever(s)	1 X 3/4" 1 X 1"	CH816H CH916H	CH616EH CH716EH	
								HOOD TO BASE
								HOOD TO BASE
								HOOD TO BASE
								HOOD TO BASE

For In-line, Portable or Special Service Connections
Coupler Hoods mate to Standard Hoods ABOVE.

Reverse Locking

Lever Hoods mate to Post Bases ONLY.

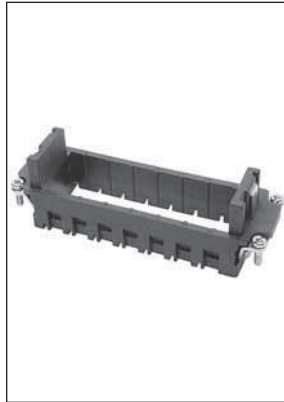
Lever Hoods – Reversed Lock									
				Side Entry w/Lever(s)	1 X 3/4" 1 X 1"				LH016E LH116EH
				Top Entry w/Lever(s)	1 X 3/4" 1 X 1"			LH216E LH316EH	
Bases – with Access Cover								HOOD TO BASE	
				Panel Base w/Cover					PB216 ⁿ
				Box + Posts w/Cover	1 X 3/4" 1 X 1" 2 X 1/2" 2 X 3/4" 2 X 1"				BB216* ⁿ BB216H100 ⁿ BB316* ⁿ BB316H100 ⁿ

*Available in Standard or HIGH Profile "H" configurations (add suffix).
ⁿ Add "M" suffix for metal cover option.

M Series B24 Housing 600 VAC: 7 Inserts

Insert Holders + Housings

Select one each male and female 7-slot insert holders for B24 housings, then select seven each of any male and female M series inserts from pp.41-46.



7-slot **Female** Insert Holder
F7F024M

Note: AF1024M Optional Insert Holder available (+7 insert) Positions T-Z for B48 Housings.



7-slot **Male** Insert Holder
F7M124M

Note: F104M324M Optional Insert Holder available (+7 insert) Positions T-Z for B48 Housings.

Single Lever		Double Lever		Housing	NPT Entry	Lever Locking Type		BASE TO HOOD
Bases – Standard Mount						Panel Base	Single	
				w/Cover		PB324	PB124E	
						PB424		
				Box Base w/Lever (no Cover)	1 X 3/4" 1 X 1" 2 X 3/4" 2 X 1"	BB424* BB424H100 BB524* BB524H100	BB024E* BB024EH100 BB124E* BB124EH100	
				Box Base w/Cover & Lever	1 X 3/4" 1 X 1" 2 X 3/4" 2 X 1"	BB624* ⁿ BB624H100 ⁿ BB724* ⁿ BB724H100 ⁿ		
Hoods – Standard Mount				Side Entry w/Posts	1 X 3/4" 1 X 1" 1 X 1-1/4"	SH624 SH724	SH024 SH124	
				Top Entry w/Posts	1 X 3/4" 1 X 1" 1 X 1-1/4" RIBBON CBL	TH824 TH924 TH624RC‡	TH224 TH324 TH424RC‡	
Coupler Hoods – In-line				Top Entry w/Lever(s)	1 X 3/4" 1 X 1" RIBBON CBL	CH824 CH924 CH824RC‡	CH624E CH724E CH724ERC‡	
Reverse Locking				Side Entry w/Lever(s)	1 X 3/4" 1 X 1"		LH024E LH124E	
				Top Entry w/Lever(s)	1 X 3/4" 1 X 1"		LH224E LH324E	
Bases – with Access Cover				Panel Base w/Posts and Cover			PB224 ⁿ	
				Box Base w/Posts and Cover	1 X 3/4" 2 X 3/4"		BB224 ⁿ BB324 ⁿ	

*Available in Standard or HIGH Profile "H" configurations (add suffix).
ⁿ Add "M" final suffix for metal cover option.
 ‡ See page 71 for ribbon cable kits.

Reference and Accessories

Engineering Reference Data	52-55
Dimensions/Lay-In Charts	56-68
Dust Covers	66
Adapter Plate Selection	67
Gaskets	68
Insert Coding and Guide Pins	69
Cable and Conduit Entry Options/Fittings	70, 71
Fiber Optic Cable Installation	72, 73

Engineering Reference

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 (2x16)
Working current	A3,A4 @ 10A max. A10 - A32 @ 16A max.
Rated Voltage	600VAC
Test Voltage	4 kV eff.
Pollution Degree	3
Material	Glass Filled Thermoplastic
Temperature Range	-40°C/-40°F to +125°C/+257°F
Flammability	UL94 V-0

Contacts

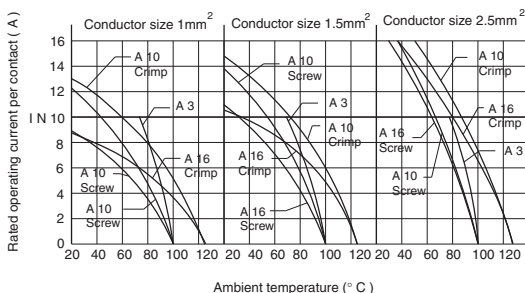
Material	Solid drilled Copper alloy
Surface	Hard Silver Plated Hard Gold Plated available
Contact Resistance	≤ 1 milliohm
Screw Terminals	Wire AWG
with Wire Protection	20-14 AWG (0.5-2.5mm ²)
Crimp Terminals	20-12 AWG (0.5-4.0mm ²)

Housings

Materials	Die Cast Aluminum alloy
(EPDM Seal Gaskets)	Epoxy Powder Coat Finish
Locking Mechanisms	
> Single Locking Levers	A3, 4, 10, 16 Steel, Zinc or Chrome Plated
> Double Locking Levers	A32 Steel, Zinc or Chrome Plated
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
DDIN VDE 0110/02.79	DIN VDE 0110-1/04.97
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 (2x16), 48 (2x24)
Working current	16A max.
Rated Voltage	600VAC
Test Voltage	3 kV eff.
Pollution Degree	3
Material	Glass Filled Thermoplastic
Temperature Range	-40°C/-40°F to +125°C/+257°F
Flammability	UL94 V-0

Contacts

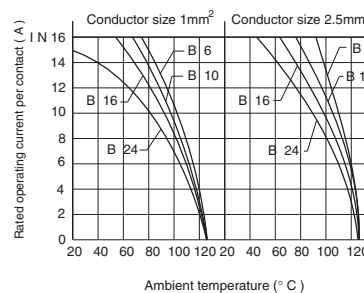
Material	Solid drilled Copper alloy
Surface	Hard Silver Plated Hard Gold Plated available
Contact Resistance	≤ 1 milliohm
Screw Terminals	Wire AWG
with Wire Protection	20-14 AWG (0.5-2.5mm ²)
Crimp Terminals	20-12 AWG (0.5-4.0mm ²)

Housings

Materials	Die Cast Aluminum alloy
(EPDM Seal Gaskets)	Epoxy Powder Coat Finish
Locking Mechanisms	
> Single Locking Levers	B6, 10, 24, 32, 48 Steel, Zinc or Chrome Plated
> Double Locking Levers	B10, 16, 24 Stainless Steel w/ high impact Thermoplastic Split Grips
> Double Locking Levers	B32 Steel, Zinc or Chrome Plated
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



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 (2x6)
Working current	35A
Rated Voltage	600VAC
Test Voltage	3 kV eff.
Pollution Degree	3
Material	Glass Filled Thermoplastic
Temperature Range	-40°C/-40°F to +125°C/+257°F
Flammability	UL94 V-0

Contacts

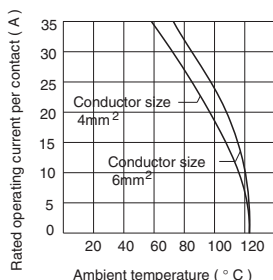
Material	Solid drilled Copper alloy
Surface	Hard Silver Plated Hard Gold Plated available
Contact Resistance	≤ 0.5 milliohm
Screw Terminals	Wire AWG
with Wire Protection	20-10 AWG (0.5-6.0mm ²)
w/o Wire Protection	n/a

Housings

Materials	Die Cast Aluminum alloy
(EPDM Seal Gaskets)	Epoxy Powder Coat Finish
Locking Mechanisms	
> Single Locking Levers	C6, 12 Steel, Zinc or Chrome Plated
> Double Locking Levers	C6 Stainless Steel w/high impact Thermoplastic Split Grips
> Double Locking Levers	C12 Steel, Zinc or Chrome Plated
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 (2x25) 64, 80 (2x40), 128 (2x64)
Working current	10A
Rated Voltage	600VAC
Test Voltage	4 kV eff.
Pollution Degree	3
Material	Glass Filled Thermoplastic
Temperature Range	-40°C/-40°F to +125°C/+257°F
Flammability	UL94 V-0

Contacts

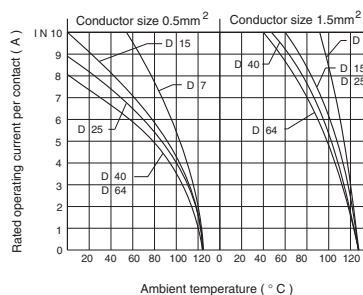
Material	Solid drilled Copper alloy
Surface	Hard Silver Plated Hard Gold Plated available
Contact Resistance	≤ 3 milliohms
Crimp Terminals	Wire AWG
> Fibre Optic Cable	26-14 AWG (0.14-2.25mm ²) POF {0} 1MM

Housings

Materials	Die Cast Aluminum alloy
(EPDM Seal Gaskets)	Epoxy Powder Coat Finish
Locking Mechanisms	
> Single Locking Levers	D7, 8, 15, 25, 40, 64, 128 Steel, Zinc or Chrome Plated
> Double Locking Levers	D40, 64 Stainless Steel w/ high impact Thermoplastic Split Grips
> Double Locking Levers	D50, 80 Steel, Zinc or Chrome Plated
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



Engineering Reference

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 (2x72) 216 (2x108)
Working current	10A
Rated Voltage	600VAC
Test Voltage	2 kV eff.
Pollution Degree	3
Material	Glass Filled Thermoplastic
Temperature Range	-40°C/-40°F to +125°C/+257°F
Flammability	UL94 V-0

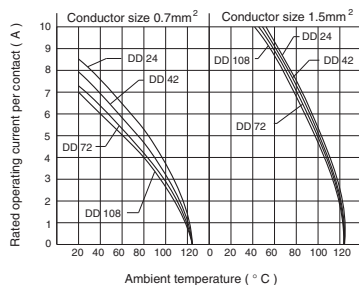
Contacts

Material	Solid drilled Copper alloy
Surface	Hard Silver Plated Hard Gold Plated available
Contact Resistance	≤ 3 milliohms
Crimp Terminals	Wire AWG 26-14 AWG (0.14-2.5mm ²) POF {0} 1mm
> Fibre Optic Cable	

Housings

Materials (EPDM Seal Gaskets)	Die Cast Aluminum alloy Epoxy Powder Coat Finish
Locking Mechanisms	
> Single Locking Levers	DD24, 42, 72, 108, 216 Steel, Zinc or Chrome Plated
> Double Locking Levers	DD42, 72, 108 Stainless Steel w/high impact Thermoplastic Split Grips
> Double Locking Levers	DD144 Steel, Zinc or Chrome Plated
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
 DDIN VDE 0110/4
 VDE 0100/5.73-42a
 IEC 60-664-1, DIN/IEC 512
 VDE 0113/1.73-10.1.3

Approvals



MEIE, EZU, SEV

Inserts

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

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) (80A contacts)
	20-14 AWG (0.5-2.5mm ²) 18-4 AWG (1.5-16.0mm ²)

Housings

Materials (EPDM Seal Gaskets)	Die Cast Aluminum alloy Epoxy Powder Coat Finish
Locking Mechanisms	
> Single Locking Levers	K12, K24 Steel, Zinc or Chrome Plated
> Double Locking Levers	K12 Stainless Steel w/ high impact Thermoplastic Split Grips
Temperature Range	-40°C/-40°F to +125°C/+257°F
Internal Protection	IP65 Locked Positions per DIN VDE 0470, IEC 529

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, EZU, SEV

Inserts

Contacts (+Ground)	3, 6, 10, 16, 20 (2x10) 26 (10+16), 32 (2x16).
Working current	16A max.
Rated Voltage	600VAC, Switch contacts 400 VAC
Test Voltage	3 kV eff.
Pollution Degree	3
Material	Glass Filled Thermoplastic
Temperature Range	-40°C/-40°F to +125°C/+257°F
Flammability	UL94 V-0

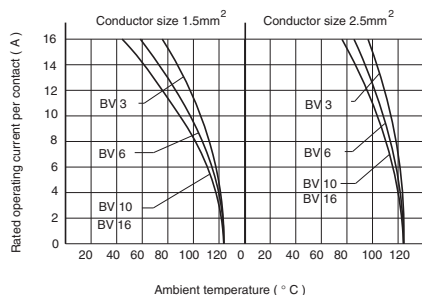
Contacts

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 (0.5-2.5mm ²)
Crimp Terminals:	20-12 AWG (0.5-4.0mm ²)

Housings

Materials	Die Cast Aluminum alloy
(EPDM Seal Gaskets)	Epoxy Powder Coat Finish
Locking Mechanisms	
> Single Locking Levers	V3, 6, 10, 16, 20, 26, 32 Steel, Zinc or Chrome Plated
> Double Locking Levers	V3, 6, 10, 16 Stainless Steel w/high impact Thermoplastic Split Grips
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, EZU, SEV

Inserts

Contacts (+Ground)	6, 10, 16, 24
Working current	16A max.
Rated Voltage	600VAC, Switch contacts 400VAC
Test Voltage	3 kV eff.
Pollution Degree	3
Material	Hi-Temp Thermoplastic
Temperature Range	-40°C/-40°F to +200°C/+392°F
Flammability	UL94 V-0

Contacts

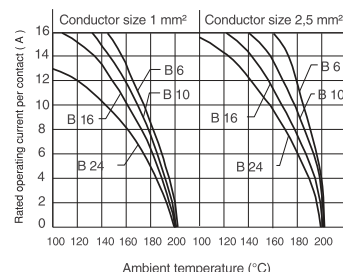
Material	Solid drilled Copper alloy
Surface	Hard Silver Plated Hard Gold Plated available
Contact Resistance	≤ 1 milliohm
Screw Terminals	Wire AWG with Wire Protection 20-14 AWG (0.5-2.5mm ²)

Housings

Materials	Copper-Free Die Cast Aluminum alloy
(Viton® Seal Gaskets)	Green Epoxy Powder Coating
Locking Mechanisms	
> Single Locking Levers	T6 Stainless Steel, Black Coated
> Double Locking Levers	T10, 16, 24 Stainless Steel, with High Temp Thermoplastic Grips
Temperature Range	-40°C/-40°F to +200°C/+392°F
Internal Protection	IP65 Locked Positions per DIN VDE 0470, IEC 529

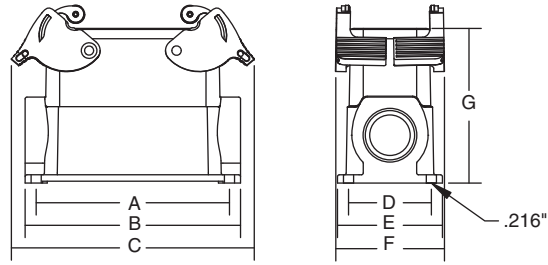
Thermal Capacity

per DIN/IEC 512



Dimensions

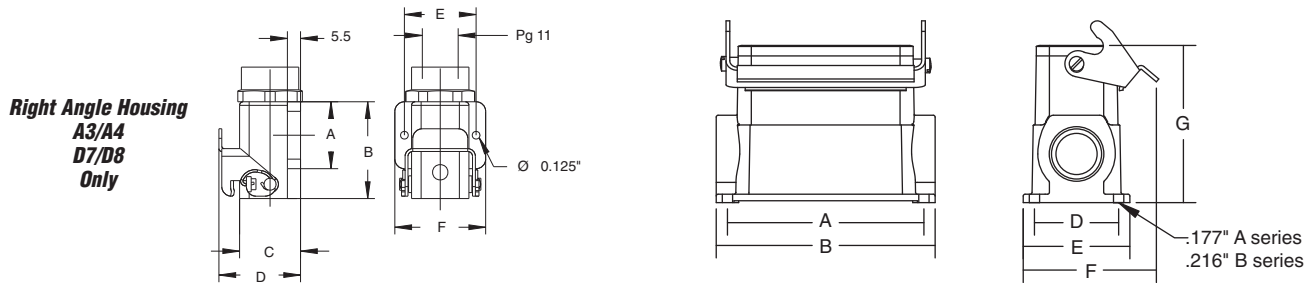
Mounting Dimensions for Double Lever Box Bases



HOUSING SERIES					CAT. NO.	DIMENSIONS ARE IN INCHES / (MILLIMETERS)						
A, B, T, K	C, V	D	DD	M		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	M3	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	M5	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	M7	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 / (124)	5.28 / (134)	2.64 / (67)	3.20 / (81.5)	3.62 / (92)	2.83 / (72)

H - HIGH PROFILE

Mounting Dimensions for Single Lever Box Bases

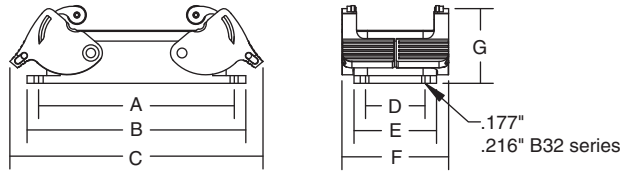


**Right Angle Housing
A3/A4
D7/D8
Only**

HOUSING SERIES					CAT. NO.	DIMENSIONS ARE IN INCHES / (MILLIMETERS)						
A, B, T, K	C, V	D	DD	M		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)
B6, T6			DD24	M2	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)
B10, T10	V3		DD42	M3	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)
B16, T16	C6, V6	D40	DD72	M5	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)
B24, T24, K12	V10, V16	D64	DD108	M7	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)
B48, K24 V32	V20, V26,	D128	DD216		BB_48	4.37 / (111)	5.71 / (145)	-	4.17 / (106)	4.72 / (120)	6.18 / (157)	3.94 / (100)

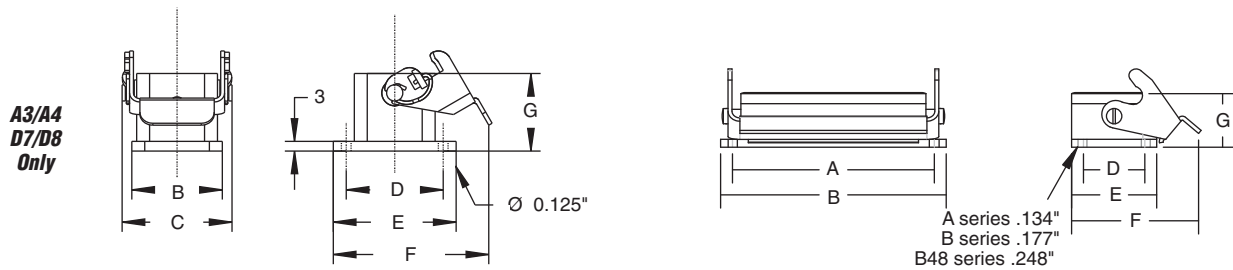
© SUFFIX: A - ALUMINUM, AP - PLASTIC, H - HIGH PROFILE

Mounting Dimensions for Double Lever Panel Bases



HOUSING SERIES					CAT. NO.	DIMENSIONS ARE IN INCHES / (MILLIMETERS)						
A, B, T, K	C, V	D	DD	M		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	M3	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	M5	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	M7	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

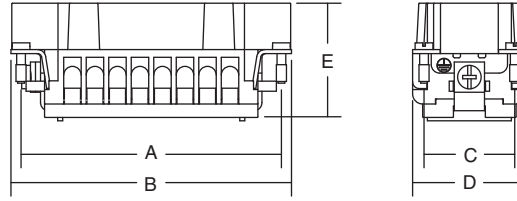


HOUSING SERIES					CAT. NO.	DIMENSIONS ARE IN INCHES / (MILLIMETERS)						
A, B, T, K	C, V	D	DD	M		A	B	C	D	E	F	G
A3, A4		D7, D8			PB303A (P)©	-	1.10 / (28)	1.34 / (34)	1.18 / (30)	1.50 / (38)	1.67 / (42.5)	.95 / (24)
					PB403A (P)©	-	1.10 / (28)	1.38 / (35)	1.18 / (30)	1.58 / (40)	1.85 / (47)	.95 / (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	M2	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	M3	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	M5	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	M7	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

Dimensions

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	–	0.83 / (21)	–	0.83 / (21)	0.98 / (25)
		D7, D8			FEMALE	–	0.83 / (21)	–	0.83 / (21)	1.25 / (31.8)
					MALE	–	0.83 / (21)	–	0.83 / (21)	1.19 / (30.2)
A10		D15			FEMALE	1.95 / (49.5)	2.22 / (56.5)	0.63 / (16)	1.34 / (34)	1.14 / (29)
					MALE	1.95 / (49.5)	2.22 / (56.5)	0.63 / (16)	1.34 / (34)	1.26 / (32)
A16		D25			FEMALE	2.60 / (66)	2.87 / (73)	0.63 / (16)	1.34 / (34)	1.14 / (29)
					MALE	2.60 / (66)	2.87 / (73)	0.63 / (16)	1.34 / (34)	1.26 / (32)
A32		D50			FEMALE	2.60 / (66)	2.87 / (73)	0.63 / (16) x 2	1.34 / (34)	1.14 / (29)
					MALE	2.60 / (66)	2.87 / (73)	0.63 / (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)

Insert Screw Torque Specifications

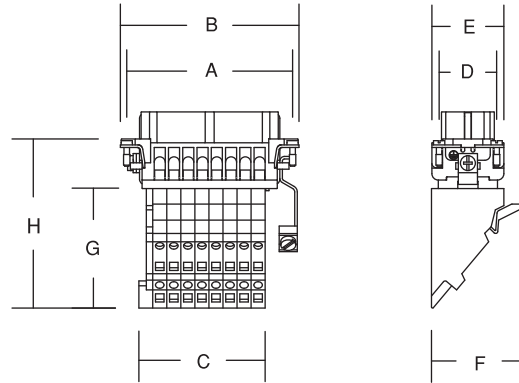
SERIES	Screw Location	Unit of Measure	Pozi-Drive point Screwdriver	Std. Straight-blade Screwdriver
A3 A4	wire termination screw	Newton meters	0.4	0.9
		Inch ounces	57	127
	insert grounding screw	Newton meters	0.6	0.8
		Inch ounces	85	113
D7 D8	insert grounding screw	Newton meters	0.4	0.4
		Inch ounces	57	57
A10 A16 A32	wire termination screw	Newton meters	0.4	0.9
		Inch ounces	57	127
	insert fastening screw	Newton meters	0.7	1.1
		Inch ounces	99	156
	insert grounding screw	Newton meters	0.7	1.3
		Inch ounces	99	184
D15 D25 D50	insert fastening screw	Newton meters	0.7	1.1
		Inch ounces	99	156
	insert grounding screw	Newton meters	0.7	1.3
		Inch ounces	99	184
B T V	wire termination screw	Newton meters	0.6	0.4
		Inch ounces	85	57
	insert fastening screw	Newton meters	0.7	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	0.7	1.3
		Inch ounces	99	184
	insert fastening screw	Newton meters	0.7	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	*0.5 / 1.4	-
		Inch ounces	*71 / 198	-
	insert fastening screw	Newton meters	0.7	-
		Inch ounces	99	-
	insert grounding screw	Newton meters	2.3	-
		Inch ounces	326	-

* 16A / 80A contacts

Insert Mounting Screws accept a blade, cross-point or Pozi-drive screwdriver heads. Specifications refer to Pozi-drive or bladed common torque only.

Dimensions

Mounting Dimensions for Wiring Adapters



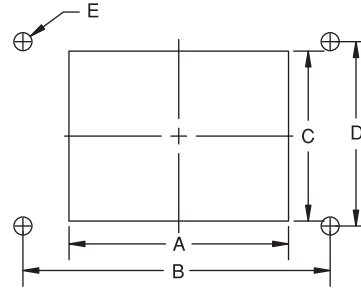
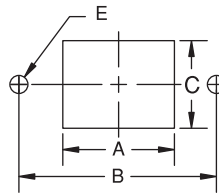
INSERT SERIES	CAT. NO.	DIMENSIONS ARE IN INCHES / (MILLIMETERS)							
		A	B	C	D	E	F	G	H
B6	FS106WAL	1.73 / (44)	2.01 / (51)	1.03 / (26.3)	1.06 / (27)	1.34 / (34)	1.77 / (45)	2.28 / (58)	3.54 / (90)
	FS106WAR								
	MS206WAL								
	MS206WAR								
B10	FS110WAL	2.13 / (54)	2.52 / (64)	1.55 / (39.5)	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

Panel Cut Out Dimensions for Panel Bases

**A3/A4
D7/D8
Only**

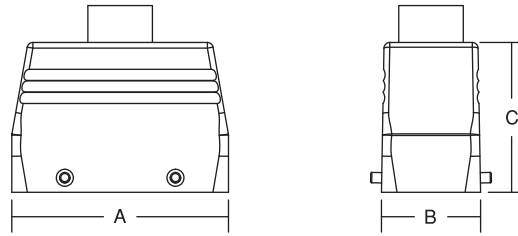


HOUSING SERIES					DIMENSIONS ARE IN INCHES / (MILLIMETERS)				
A, B, T, K	C, V	D	DD	M	A	B	C	D	E
A3, A4		D7, D8			0.83 / (21)	1.18 / (30)	0.83 / (21)	–	0.125 / (3.2)
A10		D15			1.71 / (43.5)	2.76 / (70)	0.95 / (24)	0.68 / (17.5)	0.134 / (3.4)
A16		D25			2.36 / (60)	3.39 / (86)	0.95 / (24)	0.68 / (17.5)	0.134 / (3.4)
A32		D50			2.36 / (60)	3.62 / (92)	1.89 / (48)	1.65 / (28)	0.177 / (4.5)
B6, T6			DD24	M2	1.42 / (36)	2.76 / (70)	1.38 / (35)	1.26 / (32)	0.177 / (4.5)
B10, T10	V3		DD42	M3	1.93 / (49)	3.27 / (83)	1.38 / (35)	1.26 / (32)	0.177 / (4.5)
B16, T16	C6, V6	D40	DD72	M5	2.84 / (72)	4.06 / (103)	1.38 / (35)	1.26 / (32)	0.177 / (4.5)
B24, T24, K12	V10, V16	D64	DD108	M7	3.86 / (98)	5.12 / (130)	1.38 / (35)	1.26 / (32)	0.177 / (4.5)
B32	C12	D80	DD144		2.84 / (72)	4.33 / (110)	2.80 / (71)	2.56 / (65)	0.216 / (5.5)
B48, K24	V20, V26, V32	D128	DD216		3.86 / (98)	5.83 / (148)	2.80 / (71)	2.76 / (70)	0.248 / (6.3)

* Dimensions reflect dual inserts mounting.

Dimensions

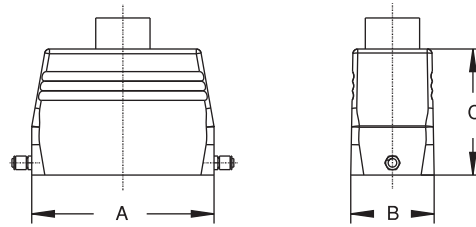
Mounting Dimensions for Double Post Hoods



HOUSING SERIES					CAT. NO.	DIMENSIONS ARE IN INCHES / (MILLIMETERS)		
A, B, T, K	C, V	D	DD	M		A	B	C
A32		D50			SH_32A	3.23 / (82)	2.21 / (56)	2.99 / (76)
					TH_32A	3.23 / (82)	2.21 / (56)	2.99 / (76)
B10, T10	V3		DD42	M3	SH_10	2.87 / (73)	1.69 / (43)	2.05 / (52)
					SH_10H__	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)
B16, T16	C6, V6	D40	DD72	M5	SH_16	3.70 / (94)	1.69 / (43)	2.56 / (65)
					SH_16H	3.70 / (94)	1.69 / (43)	2.99 / (76)
					SH_16L	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)
B24, T24, K12	V10, V16	D64	DD108	M7	SH_24	4.72 / (120)	1.69 / (43)	2.36 / (60)
					SH_24H	4.72 / (120)	1.69 / (43)	2.99 / (76)
					TH_24	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)
B32	C12	D80	DD144		SH_32	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 ENTRY ONLY)

Mounting Dimensions for Single Post Hoods

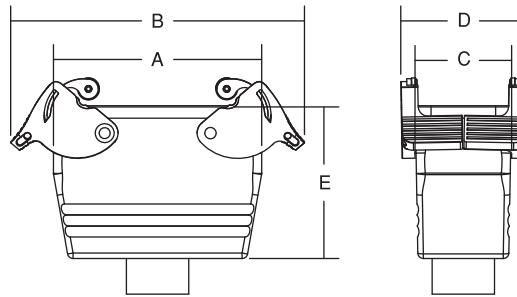


HOUSING SERIES					CAT. NO.	DIMENSIONS ARE IN INCHES / (MILLIMETERS)		
A, B, T, K	C, V	D	DD	M		A	B	C
A3, A4		D7, D8			SH603A(P) ©	1.04 / (26.5)	1.04 / (26.5)	1.89 / (48)
					TH803A(P) ©	1.04 / (26.5)	1.04 / (36.5)	1.89 / (48)
A10		D15			SH_10A	2.48 / (63)	1.42 / (36)	2.60 / (66)
					SH_10AL	2.48 / (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)
A16		D25			SH_16A	3.13 / (79.5)	1.42 / (36)	2.84 / (72)
					SH_16AL	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)
B6, T6			DD24	M2	SH_606	2.36 / (60)	1.69 / (43)	1.69 / (43)
					SH_606Hxxx	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)
B10, T10	V3		DD42	M3	SH_610	2.87 / (73)	1.69 / (43)	2.05 / (52)
					SH_610Hxxx	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)
B16, T16	C6, V6	D40	DD72	M5	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)
					TH_816	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)
B24, T24 K12	V10, V16	D64	DD108	M7	TH816RC	3.70 / (94)	1.69 / (43)	2.99 / (76)
					SH_624	4.72 / (120)	1.69 / (43)	2.99 / (76)
					SH_624L	4.72 / (120)	1.69 / (43)	2.36 / (60)
					TH_824	4.72 / (120)	1.69 / (43)	2.99 / (76)
					TH824L	4.72 / (120)	1.69 / (43)	2.36 / (60)
B48, K24	V20, V26, V32	D128	DD216		TH624RC	4.72 / (120)	1.69 / (43)	2.99 / (76)
					SH_48	5.16 / (131.5)	3.50 / (89)	3.78 / (96)
					TH_48	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)

Dimensions

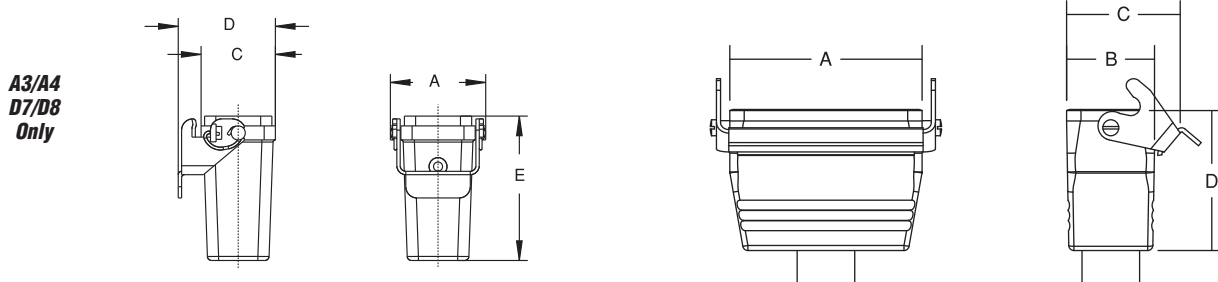
Mounting Dimensions for Double Lever Coupler Hoods



HOUSING SERIES					CAT. NO.	DIMENSIONS ARE IN INCHES / (MILLIMETERS)				
A, B, T, K	C, V	D	DD	M		A	B	C	D	E
B10, T10	V3		DD42	M3	CH610E	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)
B16, T16	C6, V6	D40	DD72	M5	CH_16E	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)
B24, T24, K12	V10, V16	D64	DD108	M7	CH_24E	4.72 / (120)	6.18 / (157)	1.69 / (43)	2.28 / (58)	3.15 / (80)
					CH624ERC	4.72 / (120)	6.18 / (157)	1.69 / (43)	2.28 / (58)	3.15 / (80)
B32	C12	D80	DD144		CH_32E	3.70 / (94)	5.28 / (134)	3.11 / (79)	3.62 / (92)	3.23 / (82)

H - HIGH PROFILE, RC - RIBBON CABLE (TOP ENTRY)

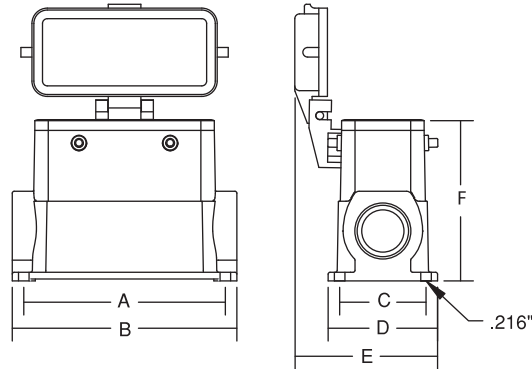
Mounting Dimensions for Single Lever Coupler Hoods



HOUSING SERIES					CAT. NO.	DIMENSIONS ARE IN INCHES / (MILLIMETERS)				
A, B, T, K	C, V	D	DD	M		A	B	C	D	E
A3, A4		D7, D8			CH803A(P) ©	1.34 / (34)	–	1.04 / (26.5)	1.43 / (36.5)	2.02 / (51.5)
A10		D15			CH810A	2.48 / (63)	–	1.16 / (29.5)	1.92 / (49)	1.89 / (48)
A16		D25			CH816A	3.13 / (79.5)	–	1.16 / (29.5)	1.92 / (49)	2.09 / (53)
B6, T6			DD24	M2	CH806	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)
B10, T10	V3		DD42	M3	CH810	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)
B16, T16	C6, V6	D40	DD72	M5	CH_16	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)
B24, T24, K12	V10, V16	D64	DD108	M7	CH_24	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)

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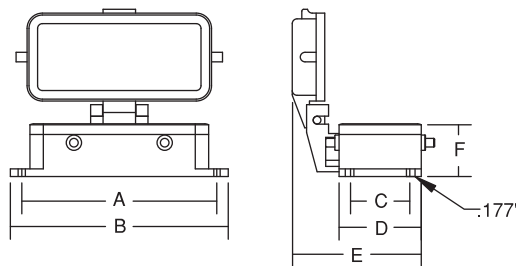
Mounting Dimensions for Double Post Box Bases (Reverse Locking)



HOUSING SERIES					CAT. NO.	DIMENSIONS ARE IN INCHES / (MILLIMETERS)					
A, B, T, K	C, V	D	DD	M		A	B	C	D	E	F
A32		D50			BB_32A	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)
B10, T10	V3		DD42	M3	BB_10	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)
B16, T16	C6, V6	D40	DD72	M5	BB_16	4.13 / (105)	4.61 / (117)	1.77 / (45)	2.24 / (57)	2.97 / (75.5)	2.68 / (68)
					BB_16H	4.13 / (105)	4.61 / (117)	1.77 / (45)	2.24 / (57)	2.97 / (75.5)	3.31 / (84)
B24, T24, K12	V10, V16	D64	DD108	M7	BB_24	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

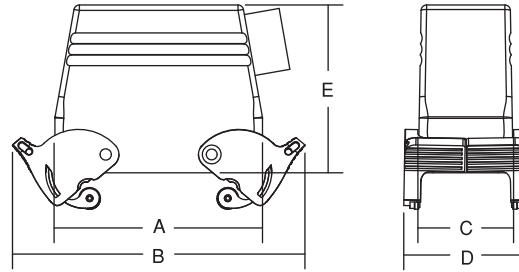
Mounting Dimensions for Double Post Panel Bases (Reverse Locking)



HOUSING SERIES					CAT. NO.	DIMENSIONS ARE IN INCHES / (MILLIMETERS)					
A, B, T, K	C, V	D	DD	M		A	B	C	D	E	F
A32		D50			PB232A	3.62 / (92)	4.02 / (102)	1.65 / (42)	2.24 / (57)	3.15 / (80)	1.10 / (28)
B10, T10	V3		DD42	M3	PB210	3.27 / (83)	3.66 / (93)	1.26 / (32)	1.69 / (43)	2.68 / (68.5)	1.06 / (27)
B16, T16	C6, V6	D40	DD72	M5	PB216	4.06 / (103)	4.49 / (114)	1.26 / (32)	1.69 / (43)	2.68 / (68.5)	1.06 / (27)
B24, T24, K12	V10, V16	D64	DD108	M7	PB224	5.12 / (130)	5.51 / (140)	1.26 / (32)	1.69 / (43)	2.68 / (68.5)	1.06 / (27)

Dimensions

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	M		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	M3	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	M5	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	M7	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	M				
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 q			DD24	M2	DCL106B-1			
B10, T10 q	V3		DD42	M3	DCL110B-1	DCL210B-1/DCL410B-1*		
B16, T16 q	C6, V6	D40	DD72	M5	DCL116B-1	DCL216B-1/DCL416B-1*		
B24, T24 q, K12	V10, V16	D64	DD108	M7	DCL124B-1	DCL224B-1/DCL424B-1*		

* COMES WITH GASKET FOR NON-GASKETED HOODS W/LEVERS

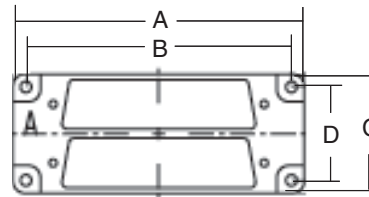
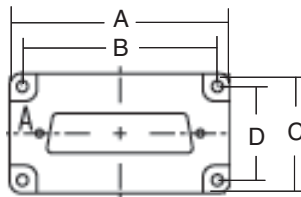
q DUST COVERS TESTED ONLY TO 125°C

Sub-Miniature Adapter Plate Selection Guide

HOUSING SERIES					SUB-MINIATURE CONNECTOR				
A, B, T, K	C, V	D	DD	M	DB9	DB15	DB25	DB37	DB50
A3, A4		D7, D8			NO ADAPTER FOR THIS SERIES				
A10		D15			AP681A10	AP677A10	AP678A10		
A16		D25						AP682A16	AP683A16
A32		D50							
B6, T6	DD24	M2			AP796B6	AP797B6			
					AP802B6*	AP803B6*			
B10, T10	V3		DD42	M3			AP798B10		
							AP804B10*		
B16, T16	C6, V6	D40	DD72	M5				AP799B16	AP800B16
								AP805B16*	AP806B16*
B24, T24, K12	V10, V16	D64	DD108	M7				N/A	
B32	C12	D80	DD144					N/A	
B48, K24	V20, V26, V32	D128	DD216					N/A	

* DUAL MOUNTING

Sub-Miniature Adapter Plate Mounting Dimensions



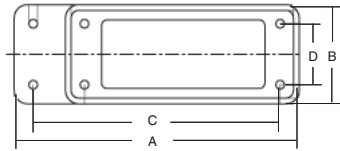
* DUAL MOUNTING

CAT. NO.	DIMENSIONS ARE IN INCHES / (MILLIMETERS)			
	A	B	C	D
AP677A10	2.22 / (56.5)	0.91 / (23)	1.95 / (49.5)	0.63 / (16)
AP678A10	2.22 / (56.5)	0.91 / (23)	1.95 / (49.5)	0.63 / (16)
AP681A10	2.22 / (56.5)	0.91 / (23)	1.95 / (49.5)	0.63 / (16)
AP682A16	2.87 / (73)	0.91 / (23)	2.60 / (66)	0.63 / (16)
AP683A16	2.87 / (73)	0.91 / (23)	2.60 / (66)	0.63 / (16)
AP796B6	2.03 / (51.5)	1.73 / (44)	1.36 / (34.5)	1.06 / (27)
AP797B6	2.03 / (51.5)	1.73 / (44)	1.36 / (34.5)	1.06 / (27)
AP798B10	2.54 / (64.5)	2.24 / (57)	1.36 / (34.5)	1.06 / (27)
AP799B16	3.35 / (85)	3.05 / (77.5)	1.36 / (34.5)	1.06 / (27)
AP800B16	3.35 / (85)	3.05 / (77.5)	1.36 / (34.5)	1.06 / (27)
AP802B6*	2.03 / (51.5)	1.73 / (44)	1.36 / (34.5)	1.06 / (27)
AP803B6*	2.03 / (51.5)	1.73 / (44)	1.36 / (34.5)	1.06 / (27)
AP804B10*	2.54 / (64.5)	2.24 / (57)	1.36 / (34.5)	1.06 / (27)
AP805B16*	3.35 / (85)	3.05 / (77.5)	1.36 / (34.5)	1.06 / (27)
AP806B16*	3.35 / (85)	3.05 / (77.5)	1.36 / (34.5)	1.06 / (27)

* DUAL MOUNTING

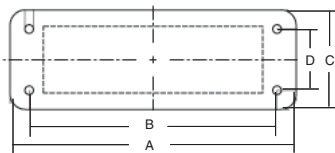
Dimensions

Size Adapter Plate: Selection Guide for Panel Installation



NOTE: ADAPTER PLATES ARE FOR USE WITH PANEL BASES IN SERIES B24, D64, DD108, M7, V10, AND V16	ADAPTER SIZE	CAT. NO.	DIMENSIONS ARE IN INCHES / (MILLIMETERS)			
			A	B	C	D
	B24 to B6	AP650B6	5.90 / (150)	2.05 / (52)	5.12 / (130)	1.26 / (32)
	B24 to B10	AP651B10	5.90 / (150)	2.05 / (52)	5.12 / (130)	1.26 / (32)
	B24 to B16	AP652B16	5.90 / (150)	2.05 / (52)	5.12 / (130)	1.26 / (32)

Cover Plate Selection Guide



HOUSING SERIES					CAT. NO.	DIMENSIONS ARE IN INCHES / (MILLIMETERS)			
A, B, T, K	C, V	D	DD	M		A	B	C	D
A3, A4		D7, D8							
A10		D15			CP684A10	3.43 / (87)	2.76 / (70)	1.57 / (40)	0.69 / (17.5)
A16		D25			CP685A16	3.94 / (100)	3.39 / (86)	1.77 / (45)	0.69 / (17.5)
B6, T6			DD24	M2	CP638B6	3.39 / (86)	2.76 / (70)	2.05 / (52)	1.26 / (32)
B10, T10	V3		DD42	M3	CP639B10	4.02 / (102)	3.27 / (83)	2.05 / (52)	1.26 / (32)
B16, T16	C6, V6	D40	DD72	M5	CP640B16	4.84 / (123)	4.06 / (103)	2.05 / (52)	1.26 / (32)
B24, T24, K12	V10, V16	D64	DD108	M7	CP641B24	5.91 / (150)	5.12 / (130)	2.05 / (52)	1.26 / (32)

NOTE: COVER PLATES ARE FOR USE ON PANEL BASES ONLY

Gaskets

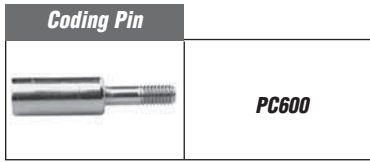
HOUSING SERIES					CAT. NOS.	
A, B, T, K	C, V	D	DD	M	PANEL BASE, FLAT	*MOLDED EDGE CONTOUR
A3, A4		D7, D8			A04XFGP	A04XMEC
A10		D15			A10VFGP	A10XMEC
A16		D25			A16XFGP	A16XMEC
A32		D50			A32XFGP	A32XMEC
B6, T6 q			DD24	M2	B6XFGP	B6XMEC
B10, T10 q	V3		DD42	M3	B10XFGP	B10XMEC
B16, T16 q	V6, C6	D40	DD72	M5	B16XFGP	B16XMEC
B24, T24 q, K12	V10, V16	D64	DD108	M7	B24XFGP	B24XMEC
B32	C12	D80	DD144		B32XFGP	B32XMEC
B48, K24	V20, V26, V32	D128	DD216		B48XFGP	B48XMEC

* INSTALL WITH SILICONE SEALANT/ADHESIVE FOR INDUSTRIAL USE.

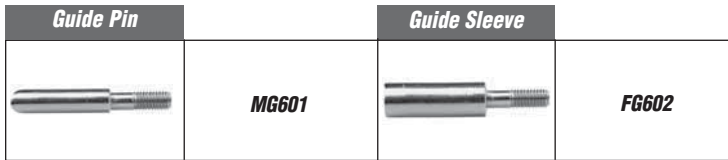
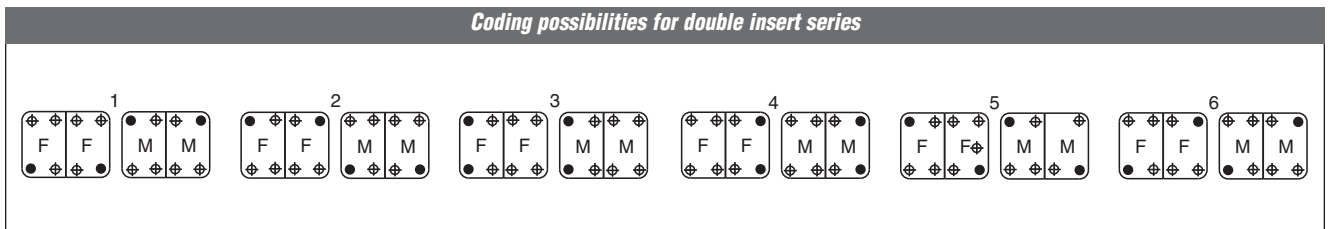
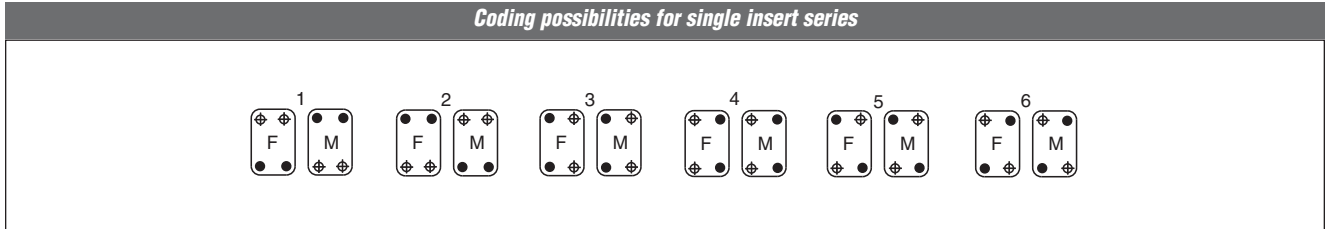
q FOR T SERIES 200°C APPLICATIONS, CHANGE PREFIX IN CATALOGUE NUMBER FROM B TO T. EX: "T16XFGP" FOR PANEL BASE GASKETS.

Multiple Installation Coding Options

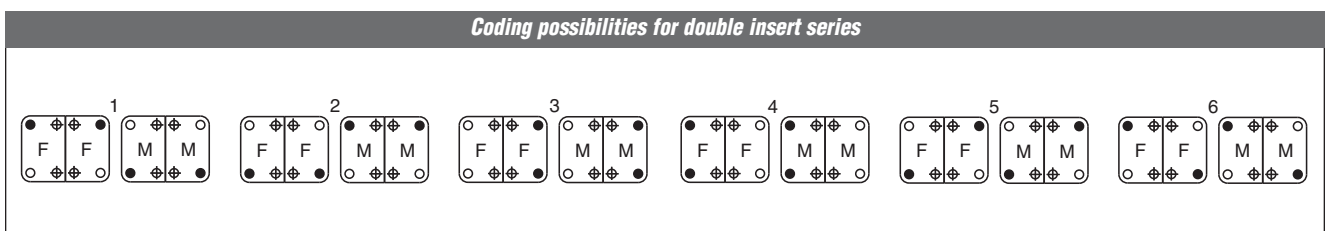
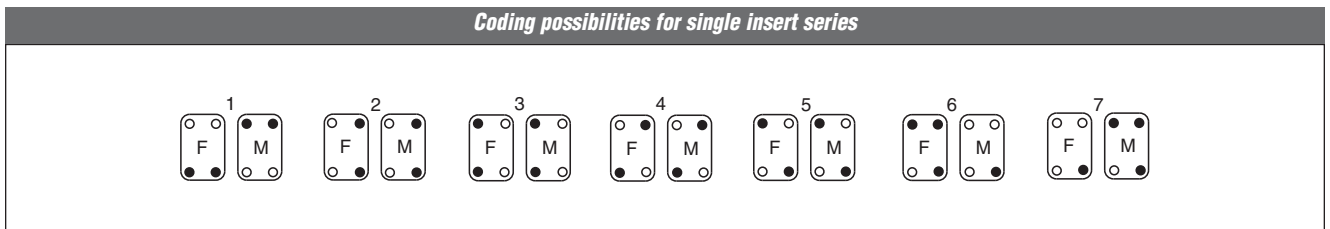
Coding Pins, Guide Pins and Sleeves can be used in all series housings, with all inserts.



Coding Pins: Used as key pins in multiple “same size or series” insert/hood installations. Patterns show examples of key pin coding pins installed.



Guide Pins and Sleeves: Perform same function as coding pins and/or aid hi-density insert mating as well.



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

Cable and Conduit Entry



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



Style may vary depending on size.



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



Metric Pg-to-NPT Thread Adapters

<i>Cat. No.</i>	<i>NPT Thread (mating)</i>	<i>Thread (at housing)</i>
PG11-38	c"	Pg11
PG16-50	d"	Pg16
PG21-75	f"	Pg21
PG29-100	1"	Pg29
PG29-125	1b"	Pg29
PG36-125	1b"	Pg36
PG36-150	1d"	Pg36
PG42-200	2"	Pg42

Metric Two-Screw Clamp Connectors

<i>Cat. No.</i>	<i>Cable O.D. (in.)</i>		<i>Thread (at housing)</i>
	<i>Min.</i>	<i>Max.</i>	
CC11-38	0.400	0.470	Pg11
CC11-38P*	0.250	0.325	Pg11
CC135-50	0.400	0.535	Pg13.5
CC16-50	0.455	0.625	Pg16
CC21-75	0.513	0.815	Pg21
CC29-100	0.800	0.175	Pg291
CC36-125	1.050	0.450	Pg361
CC42-150	1.500	0.800	Pg421

* Plastic

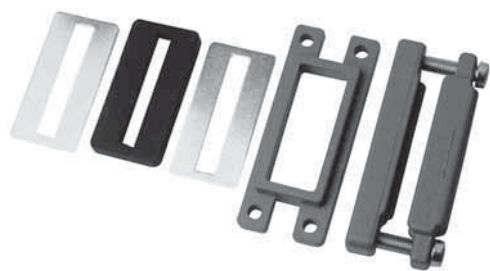
Metric Cord Grip Connectors

<i>Cat. No.</i>	<i>Cord O.D. (in.)</i>		<i>Thread (at housing)</i>
	<i>Min.</i>	<i>Max.</i>	
CG11-38	0.200	0.470	Pg11
CG11-38P*	0.325	0.340	Pg11
CG135-50	0.285	0.545	Pg13.5
CG16-50	0.285	0.625	Pg16
CG21-75	0.395	0.790	Pg21
CG29-100	0.780	0.060	Pg291
CG36-125	0.960	0.375	Pg361
CG42-150	1.630	0.650	Pg421

* Plastic

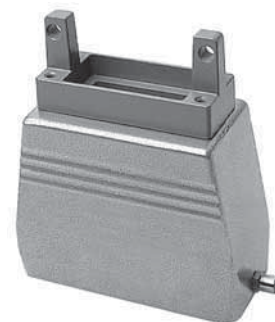
Conduit Entry Blind Plug

<i>Cat. No.</i>	<i>Thread (at housing)</i>
CXP722	Pg13.5
CXP723	Pg16
CXP724	Pg21
CXP725	Pg29
CXP726	Pg36
CXP727	Pg42



Ribbon Cable Entry Strain Relief Kit for Hoods

Cat. No.	Description	Entry
RHK 601	One cable entry	40 x 5mm
RHK 602	Two cable entry	40 x 10mm
RHK 603	Three cable entry	40 x 15mm



POSE-KON™



Ribbon Cable Entry Strain Relief Kit for Bases

Cat. No.	Hub Size
RBK 708	Pg 16
RBK 709	Pg 21
RBK 710	Pg 29
RBK 711	Pg 36
RBK 712	Pg 42

Other sizes available as specials.



Nonmetallic Cord Grip Fittings

NPT Threads		Cord Range		
Cat. No.	In.	mm	Thread Size (in.)	
CC-NPT38-G	0.197-0.394	5-10	c	
CC-NPT12-G	0.394-0.551	10-14	d	
CC-NPT34-G	0.512-0.709	13-18	f	
CC-NPT1-G	0.709-0.984	18-25	1	

Pg Threads		Cord Range		
Cat. No.	In.	mm	Thread Size	
CC-PG11-G	0.197-0.394	5-10	11	
CC-PG135-G	0.336-0.473	6-12	13.5	
CC-PG16-G	0.394-0.551	10-14	16	
CC-PG21-G	0.512-0.709	13-18	21	
CC-PG29-G	0.709-0.984	18-25	29	
CC-PG36-G	0.867-1.26	22-32	36	



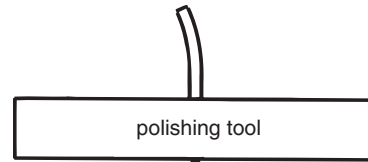
EM—Shielding Fitting (For externally shielded cable)

Cat. No.	Hub Size
GEM672	Pg 13.5
GEM673	Pg 16
GEM674	Pg 21
GEM675	Pg 29

Connection with Fiber Optic (POF) Cable

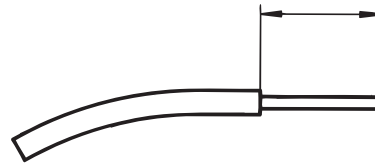
Instructions

1. Before crimping the 1,0 mm POF* cable to the optic 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 the 1,0 mm POF* cable as follows: minimum 14 mm for D sleeve contacts and minimum 19 mm for D pin contacts.

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



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

sleeve contact about 1,0 mm



pin contact about 1,0 mm

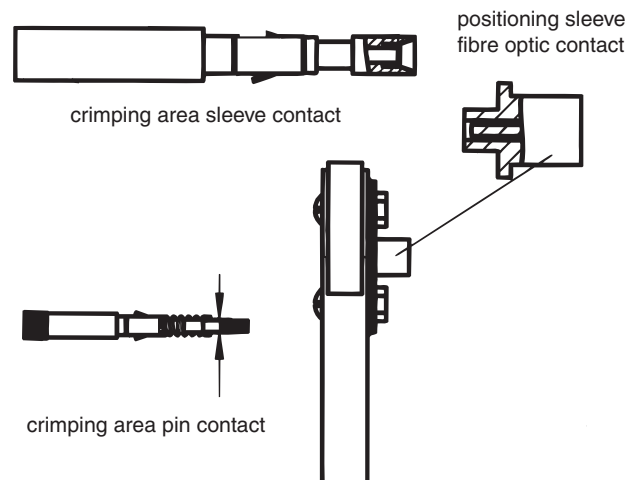


4. Optical Fiber crimping

Adjust the positioning sleeve into the corresponding inlet of the crimping tool with the stop screw at 1,45 mm (if necessary check with gauge pin, diameter 1,45 mm, with closed crimping tool).

Insert the optic 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 will be locked into the right position for crimping. Continue pressure until the release mechanism is heard.



*POF = Polymer Optical Fiber

For use in M10 Series Inserts

Crimp Tool

CT610

4 Indents



Polishing Tool

FPT702



Positioning sleeve

FPS701

Glass Fiber Cable



Polishing Sheet

FSS703

1000 Grain



Stripper 1,0 mm

FST700



Male Pin

Female Sleeve

