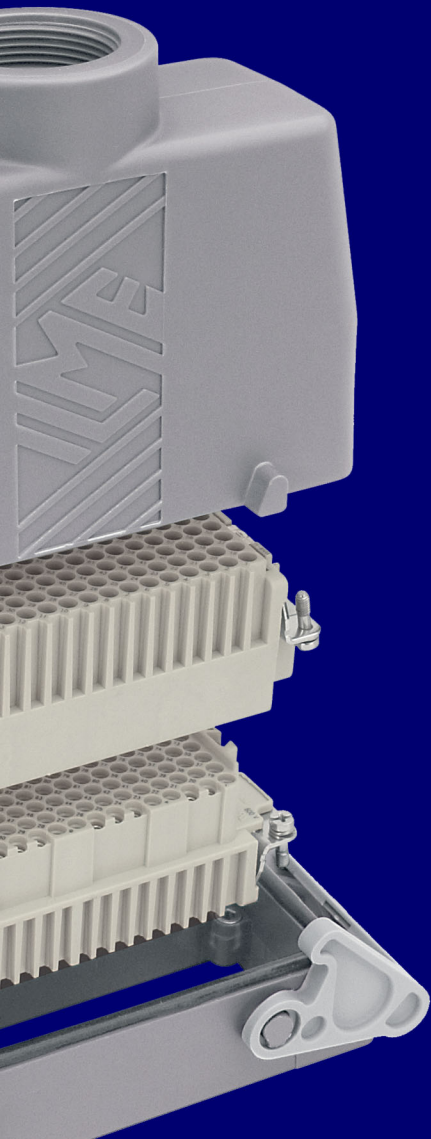
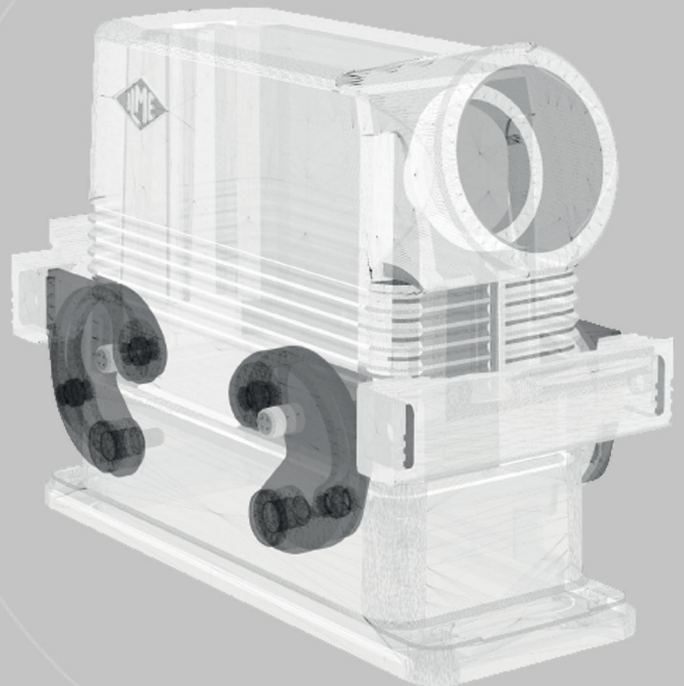




Electrical Components



## Multipole Connectors



## INTRODUCTION

ILME designs and manufactures complete solutions for heavy duty electrical connections.

Since 1945, ILME has been at the forefront of designing and manufacturing complete solutions for heavy duty industrial connections. ILME is committed to developing technology that impacts the high quality and safe cabling industries. Automation systems, railway, wind and marine equipment, machines, robots, and power plants are key environments where ILME products guarantee performance and reliability. ILME is an acknowledged leader with its own patents and is a global benchmark supplier of major companies worldwide.

### General Features and Specifications - INSERTS

Specifications depend on series and model

- Screw terminal inserts, spring terminal inserts and crimp contact inserts
- Coding pins available to ensure coupling of matching connectors
- Wire section: 0.08 - 70mm<sup>2</sup>, 28AWG - 2/0AWG
- **Materials** - body: self-extinguishing thermoplastic resin
- **Materials** - contacts: plated copper (silver, tin or gold); Constantan
- **Contact construction**: Milled or stamped
- **Voltage**: 50V to 5000V; **CSA/UL voltage**: 600V
- **Current**: 5A to 300A
- **Approvals**: cURus, CSA

### General Features and Specifications - HOUSINGS

Specifications depend on series and model

- Surface mount bases, bulkhead bases and hoods
- Integrated hinged covers available
- **Threaded cable entry**: Pg (CH & CA series); Metric (MH & MH series)
- **Locking**: Single or double lever, rotational (C) or vertical (V)
- **Materials** - **body**: die-cast aluminum alloy, zinc alloy (CKA, MKA series)
  - Finish - standard: Thermoset epoxy-polyester
  - Special versions available (high-temperature, EMC, entertainment)
- **Materials** - levers: Galvanized steel or stainless steel
- **Materials** - handles: thermoplastic, galvanized steel or stainless steel
- **Materials** - sealing gasket: Vinyl nitrile, polyurethane, or fluoro-elastomer
- **IP Rating**: IP 44/54/65/66/67/68/69; NEMA Type 4/4X/12
- **Approvals**: cURus, CSA



Electrical panels



Offshore



Robotics



Wind



Transportation



controls



Safety systems



Stage equipment



Automation



Injection Moulding



Food and beverage



Marine

## CATALOG INDEX

	Inserts	Screw Connection	P. 5
	Inserts	Terminal Block Style, Advanced Opening Contacts	P. 7
	Inserts	Spring Connection	P. 9
	Inserts	SQUICH Inserts - wired without tools	P. 11
	Inserts	Crimp Connection	P. 14
	Crimp Contacts & Tools	Crimp Connection	P. 17
	Housing: Bases	Standard Metal 1 & 2 Lever Bulkhead Mount	P. 19
	Housings	Thermoplastic Bases and Hoods	P. 20
	Housing: Bases	1 & 2 Lever Metal Surface Mount Bases	P. 21
	Housing: Hoods	Standard 2 and 4 Peg Metal Hoods	P. 24
	Housing: Hoods	Cable Coupling Hoods	P. 26
	Housing: Hoods	Reverse Latching Hoods	P. 27
	Housings	Central Lever Hood and Bases	P. 28
	Housing: Hoods	Hoods for Festoon/Flat Cable Entry and for Passing Pre-terminated Cables	P. 29
	Housings	Size 3 Housings	P. 30
	Accessories	Panel Supports, Frames, Covers, Adapter Plates, Coding Pins, Punch & Die Sets	P. 32
	RJ45 Connectors	Data Connectors	P. 35
	Dimensional Data	Size Table and Dimensional Tables	P. 38

## SELECTING A COMPLETE MULTI-POLE CONNECTOR

Complete multi-pole connectors are comprised of at least 4 components: a male and a female insert, a base or coupler, and a hood. A cable gland is often required to secure the connected cable onto the surface mount base, coupler and/or hood.

To choose a complete connector, always start with the electrical requirements, choose the most appropriate inserts for the project, and move through the steps below:

### Step 1

Choose Inserts (male and female)



- Determine maximum required amperage (up to 100A)
- Determine number of poles required (up to 216)
- Determine method of termination (Screw, Spring, SQUICH, crimp)
- Combinations of Amperages, Pneumatics, and Communication (RJ45, BUS) available with MIXO series (consult MIXO catalog)

### Step 1a

Choose Contacts (as required)



- If you have selected a crimp insert, choose the appropriate contacts to fit the requirements. Also be sure to have all required tools

Before moving to the next step and choosing the housing, be sure to know the 'size' of your insert. These 'sizes' (3 to 50) relate directly to the housing that will accommodate the insert

Choose housings of the same size with the following criteria in mind:

### Step 2

Choose Base or Coupling Hood



- Choose between surface mount, bulkhead (cutout) mount, or cable coupling hood
- Choose number of levers (1 or 2) or a base with 4 pegs (mates with hoods with levers, no gasket)
- Choose version without or with a cover (as available)
- If using Surface Mount Bases, choose either 1 or 2 threaded entries, and desired thread style/size

### Step 4

Choose Cable Gland (as required)



- For hoods and threaded surface mount bases chosen above, select the required cable gland that meets the thread and cable diameter requirements of the application  
ITC can supply any appropriate cable gland

### Step 3

Choose Hood



- Choose Top, Side, or Front Entry Hood
- Choose hood to mate with base/coupler chosen in Step 2. Hoods come with either 2 pegs (mates with 1 lever) 4 pegs (mates with 2 levers) or 2 levers (mates with bases with 4 pegs)
- Choose the appropriate style and size of threaded entry from those available

## INSERTS

Inserts are made of UL 94V-0 self-extinguishing thermoplastic resin, normally for use with a maximum ambient temperature of 125°C; special versions are for use with a maximum ambient temperature of 180°C.



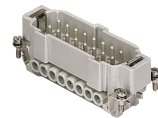

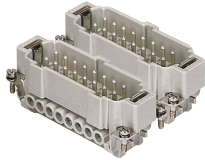
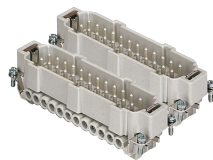




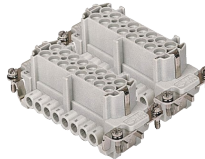

10A and 16A screw terminal contacts are available in either silver, tin, or gold-plated copper. Gold-plated contacts are recommended for application with very low rated currents and rated voltages. Gold-plated contacts are recommended with <5mA current and <5V voltage.

## SCREW CONNECTION INSERTS

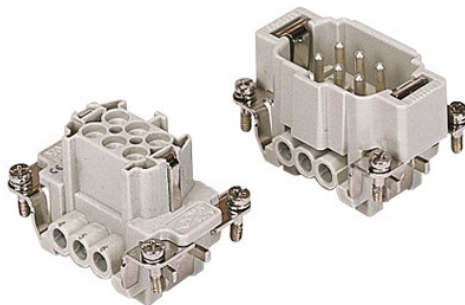
Screw connection inserts are simple to wire using a screwdriver. Screw connection inserts are shipped ready for wiring.

### 16A Standard Screw Connection Inserts - CNE Series (Order by Part No.)

- Screw terminal wire connection
- Silver-plated copper contacts, 6 to 48 poles plus ground
- CSA approved for 10A, 600V applications, tested for over 500 connections cycles

No. of Poles	6 + G	10+ G	16 + G	24 + G	32 + G	48 + G
Size	6	10	16	24	32	48
Male Part No.	CNEM 06 T	CNEM 10 T	CNEM 16 T	CNEM 24 T	CNEM 16 T (#1-16) CNEM 16 TN (#17-32)	CNEM 24 T (#1-24) CNEM 24 TN (#25-48)
						
Female Part No.	CNEF 06 T	CNEF 10 T	CNEF 16 T	CNEF 24 T	CNEF 16 T (#1-16) CNEF 16 TN (#17-32)	CNEF 24 T (#1-24) CNEF 24 TN (#25-48)
						











Information subject to change without notice





## 10A & 16A Screw Connection Inserts - CDA, CK Series (Order by Part No.)













- Small profile inserts with integral screw terminal wire connection
- Silver-plated copper contacts, 3 to 32 poles plus ground
- CK series products are CSA approved for 16A, 600V applications
- CDA series products are CSA approved for 16A, 600V applications
- Tested for over 500 connections cycles

No. of Poles	3 + G	4 + G	10 + G	16 + G	32 + G
Size	3	3	15	25	50
Male Part No.	CKM 03	CKM 04	CDAM 10	CDAM 16	CDAM 16 (#1-16) CDAM 16 N (#17-32)
					
Female Part No.	CKF 03	CKF 04	CDAF10	CDAF16	CDAF 16 (#1-16) CDAF 16 N (#13-32)
					

Information subject to change without notice

## 16A JEI Screw Connection Inserts - JNE Series (Order by Part No.)


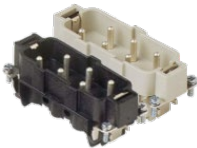

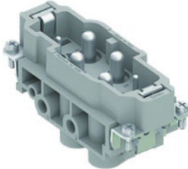
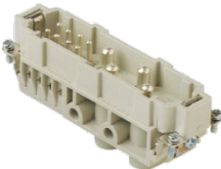





- Standard inserts for industrial applications with integral screw terminal wire connection
- Tin-plated copper contacts, 6 to 48 poles plus ground
- CSA approved for 16A, 600V applications, tested for over 200 connection cycles

No. of Poles	6 + G	10+ G	16 + G	24 + G	32 + G	48 + G
Size	6	10	16	24	32	48
Male Part No.	JNEM 06	JNEM 10	JNEM 16	JNEM 24	JNEM 16 (#1-16) JNEM 16 N (#17-32)	JNEM 24 (#1-24) JNEM 24 N (#25-48)
						
Female Part No.	JNEF 06	JNEF 10	JNEF 16	JNEF 24	JNEF 16 (#1-16) JNEF 16 N (#17-32)	JNEF 24 (#1-24) JNEF 24 N (#25-48)
						

Information subject to change without notice

### 35A, 80A and 80A+16A Screw Connection Inserts - CP, CX Series (Order by Part No.)

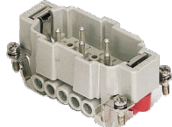








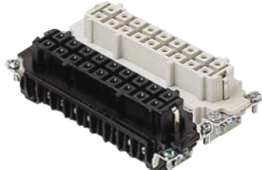
- Higher amperage inserts with integral screw terminal wire connection
- Silver-plated copper contacts, 6 or 12 poles in 35A plus ground; or 4, 4+2, or 4+8 poles in 80A+16A plus ground configurations
- CSA approved for 600V applications and tested for over 500 connections cycles

No. of Poles	6 x 35A + G	12 x 35A + G	4 X 80A + G	4 x 80A + 2 x 16A + G	4 x 80A + 8 x 16A + G
Size	16	32	16	16	24
Male Part No.	CPM 06	CPM 06 (#1-16 beige) CPM 06 N (#17-32 black)	CXM 4/0	CXM 4/2	CXM 4/8
Female Part No.	CPF 06	CPF 06 (#1-16 beige) CPF 06 N (#17-32 black)	CXF4/0	CXF 4/2	CXF 4/8
					
					

Information subject to change without notice

### 16A Screw Connection Inserts - ADVANCE Opening Auxiliary Contacts - CME Series (Order by Part No.)

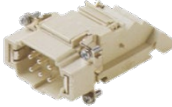


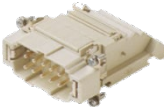








- Screw terminal connection have additional spacing for the main contacts
- 3 to 12 poles plus 2 advance opening auxiliary contacts plus ground
- EN 61984 rated for 16A, 830V; 16A, 1000V (power contacts only)
- CSA approved for 16A, 600V applications, tested for over 500 connection cycles












No. of Poles	3 + 2 (aux.) + G	6 + 2 (aux.) + G	10 + 2 (aux.) + G	16 + 2 (aux.) + G	12 + 4 (aux.) + G
Size	10	16	24	24	32
Male Part No.	CMEM 03 T	CMEM 06 T	CMEM 10 T	CMEM 16	CMEM 16 (#1-16) CMEM 16 N (#17-32)
Female Part No.	CMEF 03 T	CMEF 06 T	CMEF 10 T	CMEF 16	CMEF 16 (#1-16) CMEF 16 N (#17-32)
					
					

Information subject to change without notice

## 10A & 16A Screw Connection Terminal Block Inserts - Series CT (Order by Part No.)

- Screw connection inserts mounted in bulkhead bases and wire connections directly throughout the panel, rather than distributing the wires via rail-mount terminal blocks, offers pace and cost savings
- Milled silver-plated contacts, 6 to 64 poles plus ground
- 6 to 24 pole models: CSA approved for 16A, 600V, tested for over 500 connection cycles
- 40 and 64 pole models: CSA approved for 10A, 600V, tested for over 500 connection cycles

No. of Poles	6 + G		10 + G		16 + G	
Size	6		10		16	
Config.	Left	Right	Left	Right	Left	Right
Male Part No.	CTM 06 L	CTM 06 R	CTM 10 L	CTM 10 R	CTM 16 L	CTM 16 R
						
Female Part No.	CTF 06 L	CTF 06 R	CTF 10 L	CTF 10 R	CTF 16 L	CTF 16 R
						

No. of Poles	24 + G		40 + G		64 + G	
Size	24		16		24	
Config.	Left	Right	Left	Right	Left	Right
Male Part No.	CTM 24 L	CTM 24 R	CTM 40 L	CTM 40 R	CTM 64 L	CTM 64 R
						
Female Part No.	CTF 24 L	CTF 24 R	CTF 40 L	CTF 40 R	CTF 64 L	CTF 64 R
						

Information subject to change without notice

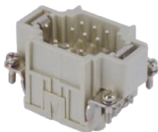









## SPRING CONNECTION INSERTS

Spring connection inserts feature a cage clamp spring connection. Opening and closing of the contacts is done with a screwdriver.

### 10A Spring Connection Inserts - HIGH Density - CDS Series (Order by Part No.)






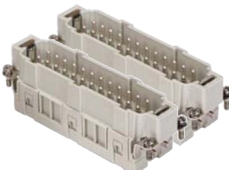






- Milled silver plated contacts, 9 to 42 poles plus ground
- CSA approved for 10A, 400V applications, tested for over 500 connection cycles

No. of Poles	9 + G	18 + G	27 + G	42 + G
Size	6	10	16	24
Male Part No.	CDSM 09	CDSM 18	CDSM 27	CDSM 42
				
Female Part No.	CDSF 09	CDSF 18	CDSF 27	CDSF 42
				

Information subject to change without notice

### 16A Spring Connection Inserts - CSE Series (Order by Part No.)













- Improve production time for your assembly with integral spring terminal wire connections
- Silver-plated copper contacts, 6 to 48 poles plus ground
- CSA approved for 16A, 600V applications and tested for over 500 connection cycles

No. of Poles	6 + G	10+ G	16 + G	24 + G	32 + G	48 + G
Size	6	10	16	24	32	48
Male Part No.	CSEM 06	CSEM 10	CSEM 16	CSEM 24	CSEM 16 (#1-16) CSEM 16 N (#17-32)	CSEM 24 (#1-24) CSEM 24 N (#25-48)
						
Female Part No.	CSEF 06	CSEF 10	CSEF 16	CSEF 24	CSEF 16 (#1-16) CSEF 16 N (#17-32)	CSEF 24 (#1-24) CSEF 24 N (#25-48)
						

Information subject to change without notice

## 16A JEI Spring Connection Inserts - JSE series (Order by Part No.)






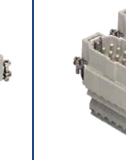





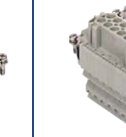
- Spring terminal inserts for industrial applications
- Tin-plated copper contacts, 6 to 48 poles plus ground
- CSA approved for 16A, 600V applications, tested for over 200 connection cycles

No. of Poles	6 + G	10+ G	16 + G	24 + G	32 + G	48 + G
Size	6	10	16	24	32	48
Male Part No.	JSEM 06	JSEM 10	JSEM 16	JSEM 24	JSEM 16 (#1-16) JSEM 16 N (#17-32)	JSEM 24 (#1-24) JSEM 24 N (#25-48)
						
Female Part No.	JSEF 06	JSEF 10	JSEF 16	JSEF 24	JSEF 16 (#1-16) JSEF 16 N (#17-32)	JSEF 24 (#1-24) JSEF 24 (#25-48)
						

Information subject to change without notice

## 16A DUAL Spring Connection Inserts - CSS Series (Order by Part No.)

- Spring terminal wire connections, connect 2 wires into each pole with these inserts
- Silver-plated contacts, 6 to 48 poles plus ground
- CSA approved for 16A, 600V applications, tested for over 500 connection cycles

No. of Poles	6 + G	10+ G	16 + G	24 + G	32 + G	48 + G
Size	6	10	16	24	32	48
Male Part No.	CSSM 06	CSSM 10	CSSM 16	CSSM 24	CSSM 16 (#1-16) CSSM 16 N (#17-32)	CSSM 24 (#1-24) CSSM 24 N (#25-48)
						
Female Part No.	CSSF 06	CSSF 10	CSSF 16	CSSF 24	CSSF 16 (#1-16) CSSF 16 N (#17-32)	CSSF 24 (#1-24) CSSF 24 N (#25-48)
						




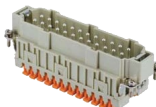
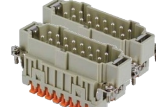
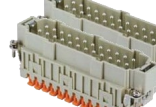






Information subject to change without notice

## SQUICH® Spring Terminal Connections without Tools

Wiring without tools - increase production time for your assembly with the SQUICH® push-down terminal wire connections. The SQUICH® series of inserts are 50% faster to install than screw terminal inserts and 20% faster than regular spring terminal connections, and are suitable for solid and stranded wires, with or without ferules.

### 16A SQUICH® Inserts - STANDARD CSH Series (Order by Part No.)

- Milled silver-plated copper contacts, 6 to 24 poles plus ground
- CSA and cURus approved for 16A, 600V applications, tested for over 500 connection cycles



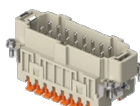
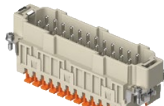
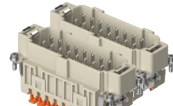
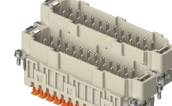



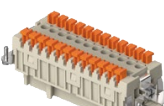
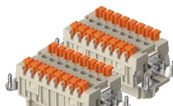
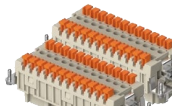
No. of Poles	6 + G	10 + G	16 + G	24 + G	32 + G	48 + G
Size	6	10	16	24	32	48
Male Part No.	CSHM 06	CSHM 10	CSHM 16	CSHM 24	CSHM 16 (#1-16) CSHM 16 N (#17-32)	CSHM 24 (#1-24) CSHM 24 N (#25-48)
Female Part No.						
	CSHF 06	CSHF 10	CSHF 16	CSHF 24	CSHF 16 (#1-16) CSHF 16 N (#17-32)	CSHF 24 (#1-24) CSHF 24 N (#25-48)
						

Information subject to change without notice

Available variants: RSH Series - High number of connection cycles

### 16A SQUICH® Inserts - STAMPED Contacts - CSH S Series (Order by Part No.)

- Stamped Silver-plated copper contacts, 6 to 24 poles plus ground
- cURus approved for 16A, 600V applications and tested for over 500 connection cycles





No. of Poles	6 + G	10 + G	16 + G	24 + G	32 + G	48 + G
Size	6	10	16	24	32	48
Male Part No.	CSHM 06 S	CSHM 10 S	CSHM 16 S	CSHM 24 S	CSHM 16 S (#1-16) CSHM 16S N (#17-32)*	CSHM 24 S (#1-24) CSHM 24S N (#25-48)*
Female Part No.						
	CSHF 06 S	CSHF 10 S	CSHF 16 S	CSHF 24 S	CSHF 16 S (#1-16) CSHF 16 SN (#17-32) *	CSHF 24 S (#1-24) CSHF 24S N (#25-48)*
						

Information subject to change without notice

\* Special order item

## 10A SQUICH® Inserts - COMPACT Size 3 - CKSH Series (Order by Part No.)

- Milled silver-plated copper contacts, 3 or 4 poles plus ground for size 3 housings
- Silver plated contacts
- cURus approved for 10A, 600V applications, tested for over 500 connection cycles






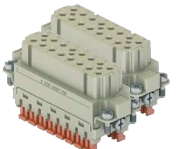
No. of Poles	3 + G	4 + G
Size	3	3
Male Part No.	CKSHM 03	CKSHM 04
		
Female Part No.	CKSHF 03	CKSHF 04
		

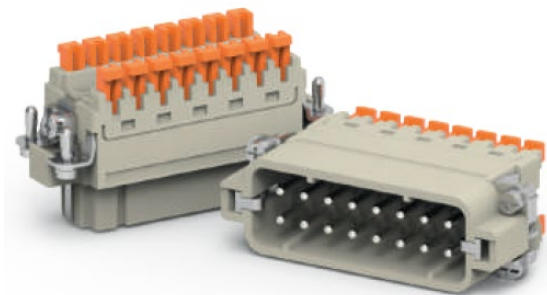


Information subject to change without notice  
Available accessories: Coding Pins

## 16A SQUICH® Inserts - SLIM Size - CSAH Series (Order by Part No.)

- Milled Silver-plated copper contacts, 10 and 16 poles plus ground
- cURus approved for 16A, 600V applications, tested for over 500 connection cycles

No. of Poles	10 + G	16 + G	32 + G
Size	15	25	50
Male Part No.	CSAHM 10	CSAHM 16	CSAHM 16 (#1-16) CSAHM 16 N (#17-32)*
			
Female Part No.	CSAHF 10	CSAHF 16	CSAHF 16 (#1-16) CSAHF 16 N (#17-32)*
			




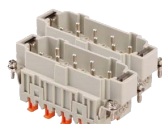
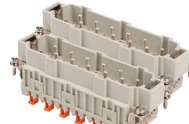







Information subject to change without notice  
\* Special order item



## 16A SQUICH® Inserts - HIGH Voltage - CSMH Series (Order by Part No.) \*

- Milled silver-plated copper contacts, 3 to 10 poles and 2 power contacts plus ground
- EN 61984 rated for 16A, 830V; 16A, 1000V (power contacts only)
- cURus approved for 16A, 600V applications, tested for over 500 connections cycles













No. of Poles	3 + 2 + G	6 + 2 + G	10 + 2 + G	12 + 4 + G	20 + 4 + G
Size	10	16	24	32	48
Male Part No.	CMSHM 03*	CMSHM 06*	CMSHM 10*	CMSHM 06 (#1-16)* CMSHM 06 N (#17-32)*	CMSHM 10 (#1-24)* CMSHM 10 N (#25-48)*
					
Female Part No.	CMSHF 03*	CMSHF 06*	CMSHF 10*	CMSHF 06 (#1-16)* CMSHF 06 N (#17-32)*	CMSHF 10 (#1-24)* CMSHF 10 N (#25-48)*
					

Information subject to change without notice

\* Special order item

## 10A SQUICH® Inserts - HIGH Density - CDSH Series (Order by Part No.)

- Milled silver-plated copper contacts, 9 to 42 poles plus ground
- cURus approved for 10A, 600V applications, tested for over 500 connection cycles

No. of Poles	9 + G	18 + G	27 + G	42 + G	54 + G	84 + G
Size	6	10	16	24	32	48
Male Part No.	CDSHM 09	CDSHM 18	CDSHM 27	CDSHM 42	CDSHM 27 (#1-27) CDSHM 27 N (#27-54)*	CDSHM 42 (#1-42) CDSHM 42 N (#43-84)*
Female Part No.						
	CDSHF 09	CDSHF 18	CDSHF 27	CDSHF 42	CDSHF 27 (#1-27) CDSHF 27 N (#27-54)*	CDSHF 42 (#1-42) CDSHF 42 N (#43-84)*
						

Information subject to change without notice

Available variants: CDSH-06NC - 3 pairs of AutoShort NC contacts

Available accessories: Parallel bridges (low voltage); Coding Pins

\* Special order item


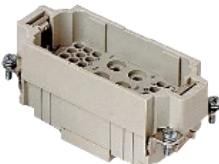








## CRIMP INSERTS

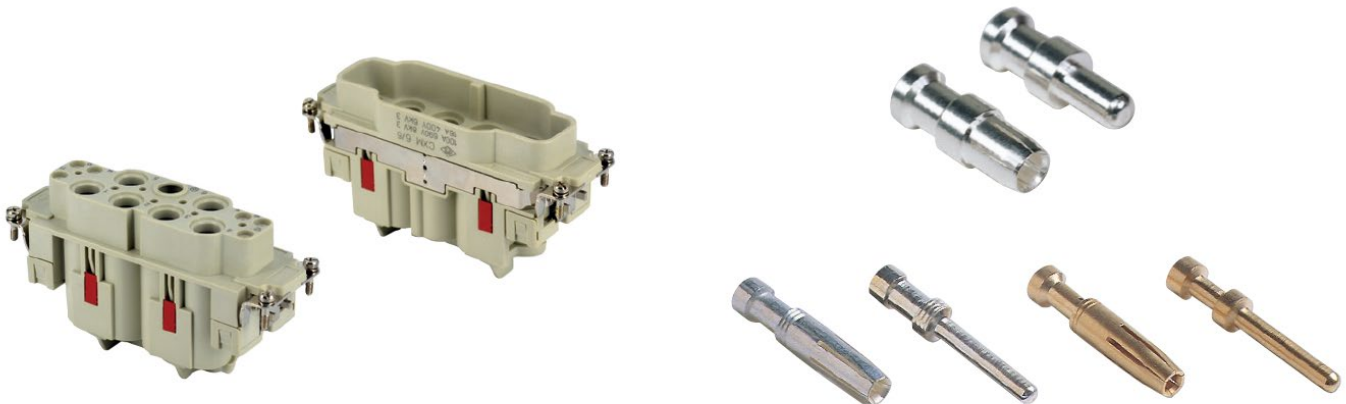
Crimp terminal inserts with crimp terminal wiring allow for a large variety of configurations.

### Mixed / HIGH Amperage Crimp Inserts - CX Series (Order by Part No.)

- Versatile inserts allowing for the combination of power and control contacts within the same housing
- Contacts for crimp inserts see page 17
- 16A/10A, or 40A/10A combinations with ground
- CXM/F 6/6 100A/16A combinations with ground
- Inserts require CC and CD contacts (16A/10A) or CX and CD contacts (40A/10A)
- CXM/F 6/6 Inserts require CC (16A) and CG contacts (100A)
- CSA approved for 600V applications, tested for over 500 connection cycles







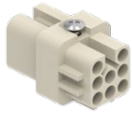





No. of Poles	8 x 16A + 24 x 10A + G	6 x 40A + 36 x 10A + G	12 x 40A + 2 x 10A + G	6 x 100A + 6 x 16A + G
Size	10	16	16	24
Male Part No.	CXM 8/24	CXM 6/36	CXM 12/2	CXM 6/6
Female Part No.				
	CXF 8/24	CXF 6/36	CXF 12/2	CXF 6/6
				

Information subject to change without notice



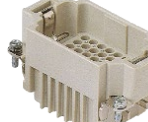
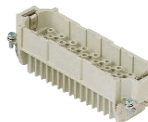
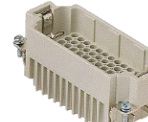





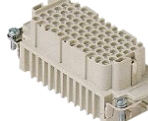



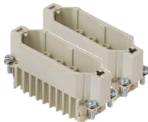

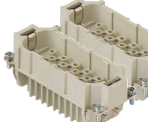
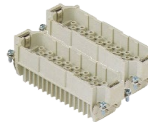
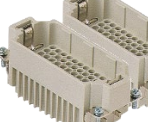



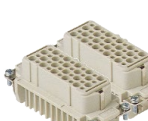



## 10A Crimp Inserts - CD, CDD, CQ Series (Order by Part No.)

- 7 to 216 poles plus ground, contacts for CD crimp inserts see page 17
- CSA approved for 10A, 600V applications, tested for over 500 connection cycles

No. of Poles	7 + G	8 + G	12 + G	15 + G	24 + G	25 + G
Size	3	3	3	15	6	25
Male Part No.	CDM 07 <sup>^</sup>	CDM 08	CQM 12	CDM 15	CDDM 24	CDM 25
Female Part No.	CDF 07 <sup>^</sup>	CDF 08	CQF 12	CDF 15	CDDF 24	CDF 25
						
						

<sup>^</sup> fit only on plastic housing













No. of Poles	38 + G	40 + G	42 + G	64 + G	72 + G	108 + G
Size	25	16	10	24	16	24
Male Part No.	CDDM 38	CDM 40	CDDM 42	CDM 64	CDDM 72	CDDM 108
Female Part No.	CDDF 38	CDF 40	CDDF 42	CDF 64	CDDF 72	CDDF 108
						
						



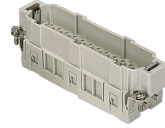







No. of Poles	50 + G	76 + G	80 + G	128 + G	144 + G	216 + G
Size	50	50	32	48	32	48
Male Part No.	CDM 25 (#1-25) CDM 25Z (#26-50)	CDDM 38 (2 required)	CDM 40 (2 required)	CDM 64 (2 required)	CDDM 72 (#1-72) CDDM 72N (#73-144)	CDDM 108 (#1-108) CDDM 108N (#109-216)
Female Part No.	CDF 25 (#1-25) CDF 25Z (#26-50)	CDDF 38 (2 required)	CDF 40 (2 required)	CDF 64 (2 required)	CDDF 72 (#1-72) CDDF 72N (#73-144)	CDDF 108 (#1-108) CDDF 108N (#109-216)
						
						


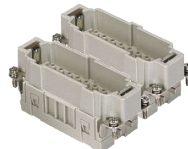



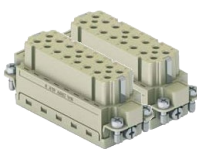




Information subject to change without notice

## 16A Crimp Inserts - CCE, CDC, CQ, CQE Series (Order by Part No.)

- 5 to 92 poles plus ground, contacts for crimp inserts see page 17
- CSA approved for 16A, 600V applications (CDC inserts CSA approved 10A), tested for over 500 connection cycles

No. of Poles	5 + G	6 + G	10 + G	10 + G	10 + G	16 + G
Size	3	6	6	10	15	25
Male Part No.	CQM 05	CCEM 06	CQEM 10	CCEM 10	CDCM 10	CDCM 16
						
Female Part No.	CQF 05	CCEF 06	CQEF 10	CCEF 10	CDCF 10	CDCF 16
						





No. of Poles	16 + G	18 + G	24 + G	32 + G	46 + G
Size	16	10	24	16	24
Male Part No.	CCEM 16	CQEM 18	CCEM 24	CQEM 32	CQEM 46
					
Female Part No.	CCEF 16	CQEF 18	CCEF 24	CQEF 32	CQEF 46
					

No. of Poles	32 + G	32 + G	48 + G	64 + G	92 + G
Size	50	32	48	32	48
Male Part No.	CDCM 16 (#1-16) CDCM 16N (#17-32)	CCEM 16 (#1-16) CCEM 16N (#17-32)	CCEM 24 (#1-24) CCEM 24N (#25-48)	CQEM 32 (#1-32) CQEM 32N (#33-64)	CQEM 46 (#1-46) CQEM 46N (#47-92)
					
Female Part No.	CDCF 16 (#1-16) CDCF 16N (#17-32)	CCEF 16 (#1-16) CCEF 16N (#17-32)	CCEF 24 (#1-24) CCEF 24N (#25-48)	CQEF 32 (#1-32) CQEF 32N (#33-64)	CQEF 46 (#1-46) CQEF 46N (#47-92)
					

Information subject to change without notice

## Crimp Contacts for Crimp & Mixo Inserts - CD, CC, CX, CG Series (Order by Part No.)






- All crimp inserts require crimp contacts
- Match the amperage of the insert with that of the contacts available below (with the exception of CDC inserts requiring CC 16A contacts), from a choice of 10A, 16A, 40A or 100A
- All contacts listed here are made of silver plated copper
- Gold plated and iron/constantan contacts are also available

Style/Amperage	CD Contacts - 10A		CC Contacts - 16A			CX Contacts - 40A		CG Contacts - 100A	
									
For Insert Series	CD, CDD, CX		CC, CQ, CX			CQF 40A, CX		CX 70-100A	
Wire Size	Female Part No.	Male Part No.	Female Part No.	Male Part No.	Advance Opening Male Part No.	Female Part No.	Male Part No.	Female Part No.	Male Part No.
mm2 ~AWG									
.14-.37 26-22	CDFA 0.3	CDMA 0.3							
0.5 22-20	CDFA 0.5	CDMA 0.5	CCFA 0.5	CCMA 0.5	CC 0.5 AN				
0.75 20-18	CDFA 0.7	CDMA 0.7	CCFA 0.7	CCMA 0.7	CC 0.7 AN				
1.0 18	CDFA 1.0	CDMA 1.0	CCFA 1.0	CCMA 1.0	CC 1.0 AN				
1.5 16	CDFA 1.5	CDMA 1.5	CCFA 1.5	CCMA 1.5	CC 1.5 AN	CXFA 1.5	CXMA 1.5		
2.5 14	CDFA 2.5	CDMA 2.5	CCFA 2.5	CCMA 2.5	CC 2.5 AN	CXFA 2.5	CXMA 2.5		
4.0 12			CCFA 4.0	CCMA 4.0	—	CXFA 4.0	CXMA 4.0		
6.0 10						CXFA 6.0	CXMA 6.0		
8-10 8-7								CGFA 10	CGMA 10
16.0 6-5								CGFA 16	CGMA 16
25.0 4-3								CGFA 25	CGMA 25
35.0 2								CGFA 35	CGMA 35

Information subject to change without notice

## Tools for Crimping, Insertion & Removal of CD, CC & CX Series Crimp Contacts (Order by Part No.)

- Tools designed specifically for the crimping, insertion and removal of milled or stamped crimp contacts
- Insertion tool required only for wire sized 20 AWG or smaller
- The crimping tool is supplied with a pre-assembled set of dies and a locator (only one model required for both CC and CD contacts)

Description	Crimping Tool with Dies and Optional Locator	Spare Locator for Crimping Tool	Spare Dies for Crimping Tool	Insertion Tool	Removal Tool
					
CD Pins Part No.	501.371 (Frame only - 501.300)	501.571	501.471	501.100	501.200
CC Pins Part No.	501.371 (Frame only - 501.300)	501.571	501.471	501.100	501.210
CX Pins Part No.	501.372 (Frame only - 501.300)	501.572	501.472		501.220

Information subject to change without notice



## Manual Crimping Tool, Crimping Dies and Positioner (Order by Part No.)

- Tools designed specifically for the crimping, insertion and removal of 70/100/200A CG contacts

Crimping Tool		Crimping Dies		Locators	
					
Part No.		AWG/mm2	Part No.	For use with	Part No.
502.551K		AWG 8-7/10mm2	CGD 10C	100A , CG series	CGPZ LOC
		AWG 6-5/16mm2	CGD 16C	70A, CX7 series	CX7PZ LOC
		AWG 4-3/25mm2	CGD 25C		
		AWG 2/16mm2	CGD 35C		

Information subject to change without notice









## HOUSINGS

Housings are made of die-cast aluminum alloy or self-extinguishing thermoplastic. Surface-mounting, bulkhead bases and hood versions are available with or without hinged covers, or with separate protection covers. Locking devices are available in versions with 1 or 2 levers. With metal housings, different types of locking levers are available: vertical (V-type) or standard (C-type) rotational closure. Handles are in either self-extinguishing thermoplastic material or stainless steel.

### Standard Metal Bulkhead Mount Bases, Sizes 6 to 50 (Order by Part No.)

- Open-style bases from ILME for through-panel mounting of multipole connectors
- Available with or without metal covers, single or double lever versions
- Materials:** **Body:** die-cast aluminum alloy, **Levers/springs:** stainless steel, **Handles:** thermoplastic
- See page 38 and 39 for size references and mounting dimensions

Description	Single Lever (mates to 2 peg hoods)	Single Lever with Cover (mates to 2 peg hoods)	Double Lever (mates to 4 peg hoods)	Double Pegs with Cover (mates to 2 Lever 'X' style hoods)	
					
		Metal covers		Metal cover	Plastic cover
Size 6	CHI 06 L	CHI 06 LS			
Size 6	CHI 06 LC <sup>^</sup>			CHI 06 LCS *	CHI 06 LCP *
Size 10	CHI 10 L	CHI 10 LS	CHI 10	CHI 10 CS	CHI 10 CP
Size 15	CZI 15 L	CZI 15 LS			
Size 16	CHI 16 L	CHI 16 LS	CHI 16	CHI 16 CS	CHI 16 CP
Size 24	CHI 24 L	CHI 24 LS	CHI 24	CHI 24 CS	CHI 24 CP
Size 25	CZI 25 L	CZI 25 LS			
Size 32	CHI 32 L	CHI 32 LS	CHI 32	CHI 32 CS	
Size 48	CHI 48 L	CHI 48 LS			
Size 50			CHI 50	CHI 50 CS	

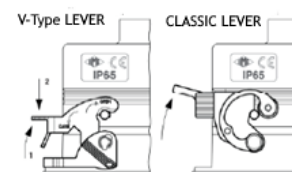
Information subject to change without notice




<sup>^</sup> - No lever, 2 pegs, 1 one at each end

\* - 2 pegs only

### JV-Type Metal Bulkhead Mount Bases, Sizes 6 to 24 (Order by Part No.)

- Unique JV-type vertical style hinged levers
- All-metal levers latch onto the pegs with downward pressure, avoiding wear on the pegs, decreasing the chances of accidental opening
- Single lever, single lever with plastic cover, and double lever versions
- Materials:** **Body:** die-cast aluminum alloy, **Levers/handles:** galvanized steel







Description	Single Lever (mates to 2 peg hoods)	Single Lever with Plastic Cover (mates to 2 peg hoods)	Double Lever (mates to 4 peg hoods)
			
Size 6	JCVI 06 L	JCVI 06 LP	
Size 10	JCVI 10 L	JCVI 10 LP	JCVI 10
Size 16	JCVI 16 L	JCVI 16 LP	JCVI 16
Size 24	JCVI 24 L	JCVI 24 LP	JCVI 24

Information subject to change without notice

## T-Type Thermoplastic Bulkhead and Surface Mount Bases, Sizes 6 to 24 (Order by Part No.)





- T-type offers a quality, unique solution for equipment and machinery in wash-down areas, and other corrosive industrial environments or for jobs where an economical solution is mandatory
- High construction versions have 2 pre-threaded entries, one of which is factory sealed in the form of a knockout
- Covers sold separately
- Bases feature formed-in-place foam gaskets on both contact surfaces for a reliable IP65/NEMA 12 seal
- Material:** thermoplastic

Description	Single Lever Bulkhead Base (mates to 2 peg 'T' series hoods)	Double Lever Bulkhead Base (mates to 4 peg 'T' series hoods)	Single Lever, High Construction (mates to 2 peg hoods)	Double Lever, High Construction (mates to 4 peg hoods)
				
	Part No.	Part No.	Entry Thread      Part No.	Entry Thread      Part No.
Size 6	TCHI 06		M25 M32      TMAP 06 L25 TMAP 06 L32	
Size 10		TCHI 10		M25      TMAP 10.25 M32      TMAP 10.32
Size 16		TCHI 16		M32      TMAP 16.32 M40      TMAP 16.40
Size 24		TCHI 24		M32      TMAP 24.32 M40      TMAP 24.40

Information subject to change without notice

## T-Type Thermoplastic Hoods, Sizes 6 to 24 (Order by Part No.)

- Available in 'High-construction' style only, with top or side entry





Description	2 Pegs, High Construction (mates to 1 lever bases/couplers)		4 Pegs, High Construction (mates to 2 lever bases/couplers)	
				
	Side Entry	Top Entry	Side Entry	Top Entry
	Entry Thread      Part No.	Entry Thread      Part No.	Entry Thread      Part No.	Entry Thread      Part No.
Size 6	M25      TMAO 06 L25 M32      TMAO 06 L32	M25      TMAV 06 L25 M32      TMAV 06 L32		
Size 10			M25      TMAO 10.25 M32      TMAO 10.32	M25      TMAV 10.25 M32      TMAV 10.32
Size 16			M32      TMAO 16.32 M40      TMAO 16.40	M32      TMAV 16.32 M40      TMAV 16.40
Size 24			M32      TMAO 24.32 M40      TMAO 24.40	M32      TMAV 24.32 M40      TMAV 24.40

Information subject to change without notice

Where NPT threads are not available, ITC can provide thread adapters and cable glands in all available threads

## Standard 1 Lever Metal Surface Mount Bases, Sizes 6 to 48 (Order by Part No.)

- Closed bottom, side-threaded entry base
- Available with or without metal covers, in single or double lever versions
- Standard or high construction with one or two threaded entries
- **Materials - Body:** die-cast aluminum alloy, **Levers/springs:** stainless steel, **Handles:** thermoplastic
- See pages 38 and 39 for size references and mounting dimensions





Description	Single Lever (mates to 2 peg hoods)		Single Lever with Metal Cover (mates to 2 peg hoods)		Single Lever High Construction (mates to 2 peg hoods)		Single Lever with Metal Cover, High Construction (mates to 2 peg hoods)	
								
	Entry Thread	Part No.	Entry Thread	Part No.	Entry Thread	Part No.	Entry Thread	Part No.
Size 6	Pg 16 Pg 16 x2 M20 M20 x 2 ½" NPT	CHP 06 L CHP 06 L2 MHP 06 L20 MHP 06 L220 CHPT 06.4 L	Pg 16 Pg 16 x2 M20 M20 x 2 ½" NPT	CHP 06 LS CHP 06 LS2 MHP 06 LS20 MHP 06 LS220 CHPT 06.4 LS	Pg 21 Pg 21 x2 Pg 29 Pg 29 x 2 M32 M32 x 2 M40 M40 X 2	CAP 06 L CAP 06 L2 CAP 06 L29 CAP 06 L229 MAP 06 L32 MAP 06 L232 MAP 06 L40 MAP 06 L240	Pg 21 Pg 21 x2 Pg 29 Pg 29 x 2 M32 M32 x 2 M40 M40 X 2	CAP 06 LS CAP 06 LS2 CAP 06 LS29 CAP 06 LS229 MAP 06 LS32 MAP 06 LS232 MAP 06 LS40 MAP 06 LS240
Size 10	Pg 16 Pg 16 x2 M20 M20 x 2	CHP 10 L CHP 10 L2 MHP 10 L20 MHP 10 L220	Pg 16 Pg 16 x2 M20 M20 x 2 ½" NPT	CHP 10 LS CHP 10 LS2 MHP 10 LS20 MHP 10 LS220 CHPT 10.4 LS	Pg 21 Pg 21 x2 Pg 29 Pg 29 x 2 M32 M32 x 2 M40 M40 X 2 1" NPT	CAP 10 L CAP 10 L2 CAP 10 L29 CAP 10 L229 MAP 10 L32 MAP 10 L232 MAP 10 L40 MAP 10 L240 CAPT 10.6 L	Pg 21 Pg 21 x2 Pg 29 Pg 29 x 2 M32 M32 x 2 M40 M40 X 2	CAP 10 LS CAP 10 LS2 CAP 10 LS29 CAP 10 LS229 MAP 10 LS32 MAP 10 LS232 MAP 10 LS40 MAP 10 LS240
Size 15	Pg 16 Pg 16 x2 Pg 21 M25 M25 x 2	CZP 15 L CZP 15 L2 CZP 15 L21 M2P 15 L M2P 15 L2	Pg 21 M25	CZP 15 LS221 MSP 15 L2225				
Size 16	Pg 21 Pg 21 x2 M25 M25 x 2 ¾" NPT	CHP 16 L CHP 16 L2 MHP 16 L25 MHP 16 L225 CHPT 16.5L	Pg 21 M25 ¾" NPT	CZP 16 LS221 MSP 16 L2225 CHPT 16.5LS	Pg 21 Pg 21 x2 Pg 29 Pg 29 x 2 M32 M32 x 2 M40 M40 x 2	CAP 16 L CAP 16 L2 CAP 16 L29 CAP 16 L229 MAP 16 L32 MAP 16 L232 MAP 16 L40 MAP 16 L240	Pg 21 Pg 21 x2 Pg 29 Pg 29 x 2 M32 M32 x 2 M40 M40 x 2 1" NPT	CAP 16 LS CAP 16 LS2 CAP 16 LS29 CAP 16 LS229 MAP 16 LS32 MAP 16 LS232 MAP 16 LS40 MAP 16 LS240 CAPT 16.6LS
Size 24	Pg 21 Pg 21 x2 M25 M25 x 2 ¾" NPT	CHP 24 L CHP 24 L2 MHP 24 L25 MHP 24 L225 CHPT 24.5L	Pg 21 Pg 21 x2 M25 M25 x 2	CHP 24 LS CHP 24 LS2 MHP 24 LS25 MHP 24 LS225	Pg 21 Pg 21 x2 Pg 29 Pg 29 x 2 M32 M32 x 2 M40 M40 x 2	CAP 24 L CAP 24 L2 CAP 24 L29 CAP 24 L229 MAP 24 L32 MAP 24 L232 MAP 24 L40 MAP 24 L240	Pg 21 Pg 21 x2 Pg 29 Pg 29 x 2 M32 M32 x 2 M40 M40 x 2 1" NPT	CAP 24 LS CAP 24 LS2 CAP 24 LS29 CAP 24 LS229 MAP 24 LS32 MAP 24 LS232 MAP 24 LS40 MAP 24 LS240 CAPT 24.6LS
Size 25					Pg 16 Pg 16 x 2 Pg21 Pg21 x 2 M25 M25 x 2	CZAP 25 L CZAP 25 L2 CZAP 25 L21 CZAP 25 L221 MZAP 25 L25 MZAP 25 L225	Pg 16 Pg 16 x 2 Pg 21 Pg 21 x 2 M25 M25 x 2	CZAP 25 LS CZAP 25 LS2 CZAP 25 LS21 CZAP 25 LS221 MZAP 25 LS25 MZAP 25 LS225
Size 32	Pg 29 Pg 29 x2 Pg 36 Pg 36 x 2 Pg 42 Pg 42 x 2 M40 M40 x 2 M50 M50 X 2 1" NPT	CHP 32 L29 CHP 32 L229 CHP 32 L CHP 32 L2 CHP 32 L42 CHP 32 L242 MHP 32 L40 MHP 32 L240 MHP 32 L50 MHP 32 L250 CHPT 32.6 L	Pg 29 Pg 29 x2 Pg 36 Pg 36 x 2 Pg 42 Pg 42 x 2 M40 M40 x 2 M50 M50 X 2	CHP 32 LS29 CHP 32 LS229 CHP 32 LS CHP 32 LS2 CHP 32 LS42 CHP 32 LS242 MHP 32 LS40 MHP 32 LS240 MHP 32 LS50 MHP 32 LS250				
Size 48	1 ¼" NPT8	CHPT 48.7 L*	Pg 29* Pg 36* M40* M50* 1 ¼" NPT*	CHP 48 LS29 CHP 48 LS MHP 48 LS40 MHP 48 LS50 CHPT 48.7 LS				

Information subject to change without notice

\* Metal lever. Where NPT threads are not available, ITC can provide thread adapters and cable glands in all available threads.

## Standard 2 Lever or 4 Peg Metal Surface Mount Bases, Sizes 10 to 50 (Order by Part No.)

- Closed bottom, side-threaded entry base
- Available with or without metal covers, in standard or high construction and with one or two threaded entries
- **Materials - Body:** die-cast aluminum alloy, **Levers/springs:** stainless steel, **Handles:** thermoplastic
- See page 38 and 39 for size references and mounting dimensions

Desc.	Double Lever (mates to 4 peg hoods)		4 Pegs with Cover (mates to 2 lever 'X' series hoods)			Double Lever High Construction (mates to 4 peg hoods)		4 Pegs with Cover High Construction (mates to 2 lever series hoods)		
										
	Entry Thread	Part No.	Entry Thread	Metal cover Part No.	Plastic cover Part No.	Entry Thread	Part No.	Entry Thread	Metal cover Part No.	Plastic cover Part No.
Size 10	Pg 16	CHP 10	Pg 16	CHP 10 CS	CHP 10 CP	Pg 21	CAP 10.21	Pg 21	CAP 10 CS	CAP 10CP
	Pg 16 x 2	CHP 10.2	Pg 16 x 2	CHP 10 CS2		Pg 21 x 2	CAP 10.221	Pg 21 x 2	CAP 10 CS2	
	M20	MHP 10.20	M20	MHP 10 CS20	MHP 10 CP20	Pg 29	CAP 10.29	Pg 29	CAP 10 CS29	CAP 10CP29
	M20 x 2	MHP 10.220	M20 x 2	MHP 10 CS20		Pg 29 x 2	CAP 10.229	Pg 29 x 2	CAP 10 CS229	
	½" NPT	CHPT 10.4	M20 x 2	MHP 10 CS220		M32	MAP 10.32	M32	MAP 10 CS32	MAP 10CP32
Size 16	¾" NPT x 2	CHPT 10.4/2*				M40	MAP 10.40	M32 x 2	MAP 10 CS232	
						M40 X 2	MAP 10.240	M40	MAP 10 CS40	MAP 10CP40
						1" NPT	CAPT 10.6	M40 X 2	MAP 10 CS240	
	Pg 21	CHP 16 L	Pg 21	CHP 16 CS	CHP 16 CP	Pg 21	CAP 16.21	Pg 21	CAP 16 CS	CAP 16CP
	Pg 21 x 2	CHP 16.2	Pg 21 x 2	CHP 16 CS2		Pg 21 x 2	CAP 16.221	Pg 21 x 2	CAP 16 CS2	
Size 24	M25	MHP 16.25	M25	MHP 16 CS25	MHP 16 CP25	Pg 29	CAP 16.29	Pg 29	CAP 16 CS29	CAP 16 CP29
	M25 x 2	MHP 16.225	M25 x 2	MHP 16 CS25		Pg 29 x 2	CAP 16.229	Pg 29 x 2	CAP 16 CS229	
	¾" NPT	CHPT 16.5*				M32	MAP 16.32	M32	MAP 16 CS32	MAP 16 CP32
						M32 x 2	MAP 16.232	M32 x 2	MAP 16 CS232	
						M40	MAP 16.40	M40	MAP 16 CS40	MAP 16 CP40
Size 32						M40 X 2	MAP 16.240	M40 X 2	MAP 16 CS240	
	Pg 21	CHP 24	Pg 21	CHP 24 CS	CHP 24 CP	Pg 21	CAP 24.21	Pg 21	CAP 24 CS	CAP 24CP
	Pg 21 x 2	CHP 24.2	Pg 21 x 2	CHP 24 CS2		Pg 21 x 2	CAP 24.221	Pg 21 x 2	CAP 24 CS2	
	M25	MHP 24.25	M25	MHP 24 CS25	MHP 24 CP25	Pg 29	CAP 24.29	Pg 29	CAP 24 CS29	CAP 24CP29
	M25 x 2	MHP 24.225	M25 x 2	MHP 24 CS25		Pg 29 x 2	CAP 24.229	Pg 29 x 2	CAP 24 CS229	
Size 50	¾" NPT x 2	CHPT 24.5/2				M32	MAP 24.32	M32	MAP 24 CS32	MAP 24CP32
						M32 x 2	MAP 24.232	M32 x 2	MAP 24 CS232	
						M40	MAP 24.40	M40	MAP 24 CS40	MAP 24CP40
						M40 x 2	MAP 24L240	M40 x 2	MAP 24 CS240	
	Pg 29	CHP 32.29	Pg 29	CHP 32 CS29						
Size 50	Pg 29 x 2	CHP 32.229	Pg 29 x 2	CHP 32 CS229						
	Pg 36	CHP 32	Pg 36	CHP 32 CS						
	Pg 36 x 2	CHP 32.2	Pg 36 x 2	CHP 32 CS2						
	Pg 42	CHP 32.42	Pg 42	CHP 32 CS42						
	Pg 42 x 2	MHP 32.242	Pg 42 x 2	CHP 32 CS242						
Size 50	M40	MHP 32.40	M40	MHP 32 CS40						
	M40 x 2	MHP 32.240	M40 x 2	MHP 32 CS240						
	M50	MHP 32.50	M50	MHP 32 CS50						
	M50 X 2	MHP 32.250	M50 X 2	MHP 32 CS250						
	1" NPT	CHPT 32.6								
Size 50	Pg21	CHP 50.21	Pg21	CHP 50 CS						
	Pg21 x 2	CHP 50.221	Pg21 x 2	CHP 50 CS2						
	Pg 29	CHP 50.29	Pg 29	CHP 50 CS29						
	Pg29 x 2	CHP 50.229	Pg29 x 2	CHP 50 CS229						
	M32	MHP 50.32	M32	MHP 50 CS32						
Size 50	M32 x 2	MHP 50.232	M32 x 2	MHP 50 CS232						
	M40	MHP 50.40	M40	MHP 50 CS40						
	M40 x 2	MHP 50.240	M40 x 2	MHP 50 CS240						





Information subject to change without notice

\* single lever for 2 pegs

Where NPT threads are not available, ITC can provide thread adapters and cable glands in all available threads

## V-Type 1 Lever Metal Surface Mount Bases, Sizes 6 to 24 (Order by Part No.)

- Available with or without metal or plastic covers, in standard or high construction, one or two Metric threaded entries
- Materials - Body:** die-cast aluminum alloy, **Levers:** stainless steel, vertical 2 hinge mechanism prevents unintentional releases and increases durability
- IP rating:** IP66/IP67/IP69 according to EN 60529



Description	Single Lever (mates to 2 peg hoods)		Single Lever with Metal or Plastic Cover (mates to 2 peg hoods)		Single Lever High Construction (mates to 2 peg hoods)		Single Lever with Metal or Plastic Cover, High Construction (mates to 2 peg hoods)	
								
	Entry Thread	Part No.	Entry Thread	Part No.	Entry Thread	Part No.	Entry Thread	Part No.
Size 6	M20 M20 x 2	MVP 06 L20 MVP 06 L220	M20 M20 x 2	MVP 06 L*20 MVP 06 L*220	M32 M32 x 2 M40 M40 x 2	MVAP 06 L32 MVAP 06 L232 MVAP 06 L40 MVAP 06 L240	M32 M32 x 2 M40 M40 x 2	MVAP 06 L*32 MVAP 06 L*232 MVAP 06 L*40 MVAP 06 L*240
Size 10	M20 M20 x 2	MVP 10 L20 MVP 10 L220	M20 M20 x 2	MVP 10 L*20 MVP 10 L*220	M32 M32 x 2 M40 M40 x 2	MVAP 10 L32 MVAP 10 L232 MVAP 10 L40 MVAP 10 L240	M32 M32 x 2 M40 M40 x 2	MVAP 10 L*32 MVAP 10 L*232 MVAP 10 L*40 MVAP 10 L*240
Size 16	M25 M25 x 2	MVP 16 L25 MVP 16 L225	M25 M25 x 2	MVP 16 L*25 MVP 16 L*225	M32 M32 x 2 M40 M40 x 2	MVAP 16 L32 MVAP 16 L232 MVAP 16 L40 MVAP 16 L240	M32 M32 x 2 M40 M40 x 2	MVAP 16 L*32 MVAP 16 L*232 MVAP 16 L*40 MVAP 16 L*240
Size 24	M25 M25 x 2	MVP 24 L25 MVP 24 L225	M25 M25 x 2	MVP 24 L*25 MVP 24 L*225	M32 M32 x 2 M40 M40 x 2	MVAP 24 L32 MVAP 24 L232 MVAP 24 L40 MVAP 24 L240	M32 M32 x 2 M40 M40 x 2	MVAP 24 L*32 MVAP 24 L*232 MVAP 24 L*40 MVAP 24 L*240

Information subject to change without notice

\*For versions with covers, please replace the asterisk in the part number with an 'S' for metal cover, or a 'P' for plastic cover.

## V-Type 2 Lever Metal Surface Mount Bases, Sizes 10 to 24 (Order by Part No.)

- Standard or high construction and with one or two Metric threaded entries, one or two Metric threaded entries
- Materials - Body:** die-cast aluminum alloy, **Levers:** Steel, vertical 2 hinge mechanism prevents unintentional releases and increases durability
- IP rating:** IP66





Description	Double Lever (mates to 4 peg hoods)		Double Lever, High Construction (mates to 2 peg hoods)	
				
	Entry Thread	Part No.	Entry Thread	Part No.
Size 10	M20 M20 x 2	M7P 10.20 M7P 10.220	M32 M32 x 2	M7AP 10.32 M7AP 10.232
Size 16	M20 M20 x 2	M7P 16.25 M7P 16.225	M32 M32 x 2	M7AP 16.32 M7AP 16.232
Size 24	M25 M25 x 2	M7P 24.25 M7P 24.225	M32 M32 x 2	M7AP 24.32 MV7AP 24.232

Information subject to change without notice



## Standard 2 Peg Metal Hoods, Sizes 6 to 48 (Order by Part No.)

- 2 pegs for connection with single lever bases or couplers
- Top, side or no entry, in standard or high construction, some models are available with two threaded top entry ports
- Materials - Body:** die-cast aluminum alloy
- Some models with stainless steel roller peg
- See page 38 and 39 for size references and mounting dimensions






Description	Side Entry (mates to 1 lever bases/couplers)		Side Entry, High Construction (mates to 1 lever bases/couplers)		Top Entry (mates to 1 lever bases/couplers)		Top Entry High Construction (mates to 1 lever bases/couplers)		
									
Size 6	Entry Thread	Part No.	Entry Thread	Part No.	Entry Thread	Part No.	Entry Thread	Part No.	
	Pg 13.5 Pg 16 M20 M25 ½" NPT	CHO 06 L13 CHO 06 L16 MHO 06 L20 MHO 06 L25 CHOT 06.4 L	No Entry Pg 21 Pg 29 M25 M32 ¾" NPT 1" NPT	CAC 06 L CAO 06 L21 CAO 06 L29 MAO 06 L25 MAO 06 L32 CAOT 06.5 L CAOT 06.6 L	Pg 13.5 Pg 16 M20 M25 ½" NPT	CHV 06 L13 CHV 06 L16 MHV 06 L20 MHV 06 L25 CHVT 06.4 L	No Entry Pg 21 Pg 29 M25 M32 ¾" NPT	CAC 06 L CAV 06 L21 CAV 06 L29 MAV 06 L25 MAV 06 L32 CAVT 06.5 L	
	Size 10	Pg 16 M20 M25 ½" NPT	CHO 10 L MHO 10 L20 MHO 10 L25 CHOT 10.4 L	No Entry Pg 21 Pg 29 M32 M40 ¾" NPT 1" NPT	CAC 10 L CAO 10 L21 CAO 10 L29 MAO 10 L32 MAO 10 L40 CAOT 10.5 L CAOT 10.6 L	Pg 16 M20 M25 ½" NPT	CHV 10 L MHV 10 L20 MHV 10 L25 CHVT 10.4 L	No Entry Pg 21 Pg 29 M32 M40 ¾" NPT	CAC 10 L CAV 10 L21 CAV 10 L29 MAV 10 L32 MAV 10 L40 CAVT 10.5 L
		Size 15	Pg 16 M20 M25 ½" NPT	CZO 15 L MZO 15 L20 MZO 15 L25 CZOT 15.4 L	No Entry Pg 16 Pg 21 M20 M25 ½" NPT ¾" NPT	CZAC 15 L CZAO 15 L16 CZAO 15 L21 MZAOT 15 L20 MZAOT 15 L25 CZAOT 15.4 L CZAOT 15.5 L	Pg 13.5 M20 ½" NPT	CHV 15 L MZV 15 L20 CZVT 15.4 L	No Entry Pg 16 Pg 21 M20 M25 ½" NPT
Size 16			Pg 21 M25 M32 ½" NPT ¾" NPT	CHO 16 L MHO 16 L25 MHO 16 L32 CHOT 16.4 L CHOT 16.5 L	No Entry Pg 21 Pg 29 M32 M40 ¾" NPT 1" NPT	CAC 16 L CAO 16 L21 CAO 16 L29 MAO 16 L32 MAO 16 L40 CAOT 16.5 L CAOT 16.6 L	Pg 21 M25 M32 ½" NPT ¾" NPT	CHV 16 L MHV 16 L25 MHV 16 L32 CHVT 16.4 L CHVT 16.5 L	No Entry Pg 21 Pg 29 M32 M40 ¾" NPT 1" NPT
	Size 24		Pg 21 M25 M32 ¾" NPT	CHO 24 L MHO 24 L25 MHO 24 L32 CHOT 24.5 L	No Entry Pg 21 Pg 29 M32 M40 ¾" NPT 1" NPT	CAC 24 L CAO 24 L21 CAO 24 L29 MAO 24 L32 MAO 24 L40 CAOT 24.5 L CAOT 24.6 L	Pg 21 M25 M32 M40 ½" NPT ¾" NPT	CHV 24 L MHV 24 L25 MHV 24 L32 MHV 24 L40 CHVT 24.4 L CHVT 24.5 L	No Entry Pg 21 Pg 29 M32 M40 ¾" NPT 1" NPT
		Size 25	Pg 16 M20 M25	CZO 25 L MZO 25 L20 MZO 25 L25	No Entry Pg 16 Pg 21 M20 M25 ¾" NPT	CZAC 25 L CZAO 25 L16 CZAO 25 L21 MZAOT 25 L20 MZAOT 25 L25 CZAOT 25.5 L	Pg 16 M20 M25 ½" NPT	CZV 25 L MZV 25 L20 MZV 25 L25 CZVT 25.4 L	No Entry Pg 16 Pg 21 M20 M20 X 2 M25 1/2" NPT ¾" NPT
Size 32			Pg 29 Pg 36 Pg 42 M40 1" NPT	CHO 32 L29 CHO 32 L CHO 32 L42 MHO 32 L40 CHOT 32.6 L			Pg 36 M40 1" NPT	CHV 32 L MHV 32 L40 CHVT 32.6 L	
	Size 48		Pg 29 Pg 36 Pg 42 M32 M40 M50 1 ¼" NPT	CHO 48 L29 CHO 48 L CHO 48 L42 MHO 48 L32 MHO 48 L40 MHO 48 L50 CHOT 48.7 L			Pg 29 Pg 36 Pg 42 M32 M40 M50 1 ¼" NPT	CHV 48 L29 CHV 48 L CHV 48 L42 MHV 48 L32 MHV 48 L40 MHV 48 L50 CHVT 48.7 L	

Information subject to change without notice

Where NPT threads are not available, ITC can provide thread adapters and cable glands in all available threads

## Standard 4 Peg Metal Hoods, Sizes 10 to 50 (Order by Part No.)

- 4 pegs for connection with double lever bases or couplers
- Top, side, front or no entry, in standard or high construction
- Some models are available with two threaded top or front entry entries
- Size 32 models with stainless steel roller pegs
- Materials - Body:** die-cast aluminum alloy
- See page 38 and 39 for size references and mounting dimensions

Description	Side Entry (mates to 2 lever bases/couplers)		Side Entry, High Construction (mates to 2 lever bases/couplers)		Top Entry (mates to 2 lever bases/couplers)		Top Entry High Construction (mates to 2 lever bases/couplers)		Front Entry High Construction (mates to 2 lever bases/couplers)	
										
	Entry Thread	Part No.	Entry Thread	Part No.	Entry Thread	Part No.	Entry Thread	Part No.	Entry Thread	Part No.
Size 10	Pg 16	CHO 10	No Entry	CAC 10	Pg 16	CHV 10	No Entry	CAC 10	No Entry	CAC 10
	M20	MHO 10.20	Pg 21	CAO 10.21	M20	MHV 10.20	Pg 21	CAV 10.21	M20	MAF 10.20
	M25	MHO 10.25	Pg 29	CAO 10.29	M25	MHV 10.25	Pg 29	CAV 10.29		
	1/2" NPT	CHOT 10.4	M32	MAO 10.32	1/2" NPT	CHVT 10.4	M20 x 2	MAV 10.220		
			M40	MAO 10.40			M32	MAV 10.32		
			3/4" NPT	CAOT 10.5			M40	MAV 10.40		
			1" NPT	CAOT 10.6			3/4" NPT	CAVT 10.5		
Size 16	Pg 21	CHO 16	No Entry	CAC 16	Pg 21	CHV 16	No Entry	CAC 16	No Entry	CAC 16
	M25	MHO 16.25	Pg 21	CAO 16.21	M25	MHV 16.25	Pg 21	CAV 16.21	M25	MAF 16.25
	M32	MHO 16.32	Pg 29	CAO 16.29	M32	MHV 16.32	Pg 29	CAV 16.29	M25 x 2	MAF 16.225
	1/2" NPT	CHOT 16.4	M32	MAO 16.32	1/2" NPT	CHVT 16.5	M25 x 2	MAV 16.225		
	3/4" NPT	CHOT 16.5	M40	MAO 16.40			M32	MAV 16.32		
			3/4" NPT	CAOT 16.5			M40	MAV 16.40		
			1" NPT	CAOT 16.6			3/4" NPT	CAVT 16.5		
							1" NPT	CAVT 16.6		
Size 24	Pg 21	CHO 24	No Entry	CAC 24	Pg 21	CHV 24	No Entry	CAC 24	No Entry	CAC 24
	M25	MHO 24.25	Pg 21	CAO 24.21	Pg 29	MHV 24.29	Pg 21	CAV 24.21	M25	MAF 24.25
	M32	MHO 24.32	Pg 29	CAO 24.29	M25	MHV 24.25	Pg 29	CAV 24.29	M25 x 2	MAF 24.225
	3/4" NPT	CHOT 24.5	M32	MAO 24.32	M32	MHV 24.32	M32	MAV 24.32	M32	MAF 24.32
			M40	MAO 24.40	M40	CHVT 24.40	M32 x 2	MAV 24.232		
			3/4" NPT	CAOT 24.5			M40	MAV 24.40		
			1" NPT	CAOT 24.6			3/4" NPT	CAVT 24.5		
							1" NPT	CAVT 24.6		
Size 32	Pg 29	CHO 32.29			Pg 29	CHV 32.29				
	Pg 36	CHO 32			Pg 36	CHV 32				
	Pg 42	CHO 32.42			Pg 42	CHV 32.42				
	M40	MHO 32.40			M40	MHV 32.40				
	M50	MHO 32.50			M50	MHV 32.50				
	1" NPT	CHOT 32.6			1" NPT	MHV 32.6				
	1 1/4" NPT	CHOT 32.7			1 1/4" NPT	CHVT 32.7				
Size 50	Pg 21	CHO 50	Pg 21	CAO 50.21			Pg 21	CAV 50.21		
	M25	MHO 50.25	Pg 29	CAO 50.29			Pg 29	CAV 50.29		
	M32	MHO 50.32	M25	MAO 50.25			M25	MAV 50.25		
	3/4" NPT	CHOT 50.5	M32	MAO 50.32			M32	MAV 50.32		
			1" NPT	CAOT 50.6			1" NPT	CAVT 50.6		
									PG16 x 2	CAO 50.216





Information subject to change without notice

Where NPT threads are not available, ITC can provide thread adapters and cable glands in all available threads.



## Cable Coupling Hoods, Sizes 6 to 50 (Order by Part No.)

- Metal hoods with lever(s) and gasket for in-line cable to cable connection
- Top entry only, in standard or high construction and with one or two levers
- Hoods designed only to mate with hoods with pegs (see pages 24, 25)
- **Materials - Body:** die-cast aluminum alloy, **Levers:** stainless steel, **Handles:** thermoplastic
- See page 38 and 39 for size references and mounting dimensions

Description	Single Lever (mates to 2 peg/hoods only)		Single Lever, High Construction (mates to 2 peg hoods only)		Double Lever (mates to 4 peg hoods only)		Double Lever, High Construction (mates to 4 peg hoods only)	
								
	Entry Thread	Part No.	Entry Thread	Part No.	Entry Thread	Part No.	Entry Thread	Part No.
Size 6	Pg 16 M25 ½" NPT	CHV 06 LG MHV 06 LG25 CHVT 06.4 LG	Pg 21 Pg 29 M25 M32 ¾" NPT	CAV 06 LG21 CAV 06 LG29 MAV 06 LG25 MAV 06 LG32 CAVT 06.5 LG				
Size 10	Pg 16 M25 ½" NPT	CHV 10 LG MHV 10 L25 CHVT 10.4 LG	Pg 21 Pg 29 M25 M32	CAV 10 LG21 CAV 10 LG29 MAV 10 LG25 MAV 10 LG32	Pg 16 M25	CHV 10 G MHV 10 GL25	Pg 21 Pg 29 M25 M32	CAV 10 G21 CAV 10 G29 MAV 10 G25 MAV 10 G32
Size 15	Pg 13.5	CZV 15 LG						
Size 16	Pg 21 M32 ¾" NPT	CHV 16 LG MHV 16 L32 CHVT 16.5 LG	Pg 21 Pg 29 M25 M32	CAV 16 LG21 CAV 16 LG29 MAV 16 LG25 MAV 16 LG32	Pg 21 M32	CHV 16 G MHV 16 G32	Pg 21 Pg 29 M25 M32 1" NPT	CAV 16 G21 CAV 16 G29 MAV 16 G25 MAV 16 G32 CAVT 16.6 G
Size 24	Pg 21 M32 ¾" NPT	CHV 24 LG MHV 24 L25 CHVT 24.5 LG	Pg 21 Pg 29 M25 M32	CAO 24 LG21 CAO 24 LG29 MAO 24 LG25 MAO 24 LG32	Pg 21 M32	CHV 24 G MHV 24 G32	Pg 21 Pg 29 M25 M32 1" NPT	CAV 24 G21 CAV 24 G29 MAV 24 G25 MAV 24 G32 CAVT 24.6 G
Size 25	Pg 16 M20	CZV 25 LG MZV 25 LG20						
Size 32	Pg 36 M40 1" NPT	CHV 32 LG MHV 32 LG40 CHVT 32.6 LG			Pg 29 Pg 36 Pg 42 M32 M40 M50 1" NPT	CHV 32 G29 CHV 32 G CHV 32 G42 MHV 32 G32 MHV 32 G40 MHV 32 G50 CHVT 32.6 G		
Size 50							Pg 29 M32	CAV 50 G29 MAV 50 G32

Information subject to change without notice

Where NPT threads are not available, ITC can provide thread adapters and cable glands in all available threads



## V-Series Cable Coupling Hoods, Sizes 6 to 24 (Order by Part No.)

- Metal hoods with lever(s) and gasket for in-line cable to cable connections
- Top entry, in standard or high construction and with one or two levers
- Designed to mate only with hoods with pegs (see pages 24, 25)
- **Materials - Body:** die-cast aluminum alloy, **Levers:** stainless steel





Description	Single Lever (mates to 2 peg/hoods only)		Single Lever, High Construction (mates to 2 peg hoods only)		Double Lever (mates to 4 peg hoods only)		Double Lever, High Construction (mates to 4 peg hoods only)	
								
	Entry Thread	Part No.	Entry Thread	Part No.	Entry Thread	Part No.	Entry Thread	Part No.
<b>Size 6</b>	M25	MVV 06 LG25	M25 M32	MVAV 06 LG25 MVAV 06 LG32				
<b>Size 10</b>	M25	MVV 10 LG25	M25 M32	MVAV 10 LG25 MVAV 10 LG32	M25	MVV 10 G25	M25 M32	MVAV 10 G25 MVAV 10 G32
<b>Size 16</b>	M32	MVV 16 L32	M25 M32	MVAV 16 LG25 MVAV 16 LG32	M32	MVV 16 G32	M25 M32	MVAV 16 G25 MVAV 16 G32
<b>Size 24</b>	M32	MVV 24 L32	M25 M32	MVAV 24 LG25 MVAV 24 LG32	M32	MVV 24 G32	M25 M32	MVAV 24 G25 MVAV 24 G32

Information subject to change without notice

Where NPT threads are not available, ITC can provide thread adapters and cable glands in all available threads

## Reverse Latching Hoods with 2 Levers (no gasket), Sizes 6 to 50 (Order by Part No.)

- Metal hoods with two levers and no gasket for connection to bases with pegs (CS & CP versions) only (see pages 19, 22)
- Top or side entry and in standard or high construction
- **Materials - Body:** die-cast aluminum alloy, **Levers:** stainless steel, **Handles:** plastic





Description	Side Entry (mates to 4 peg CS bases only)		Side Entry, High Construction (mates to 4 peg CS bases only)		Top Entry (mates to 4 peg CS bases only)		Top Entry, High Construction (mates to 4 peg CS bases only)	
								
	Entry Thread	Part No.	Entry Thread	Part No.	Entry Thread	Part No.	Entry Thread	Part No.
<b>Size 6</b> (*single lever only)	Pg 15 M20 M25	CHO 06 LX16 MHO 06 LX20 MHO 06 LX25			Pg 16 M20 M25	CHV 06 LX16 MHV 06 LX20 MHV 06 LG25		
<b>Size 10</b>	Pg 16 M20 M25	CHO 10 X MHO 10 X20 MHO 10 X25	Pg 21 Pg 29 M32 M40	CAO 10 X CAO 10 X29 MAO 10 X32 MAO 10 X40	Pg 16 M20 M25	CHV 10 X MHV 10 X20 MHV 10 X25	Pg21 Pg29 M32 M40	CAV 10 X CAV 10 X29 MAV 10 X25 MAV 10 X32
<b>Size 16</b>	Pg 21 M25 M32	CHO 16 X MHO 16 X25 MHO 16 X32	Pg 21 Pg 29 M32 M40	CAO 16 X CAO 16 X29 MAO 16 X32 MAO 16 X40	Pg 21 M25 M32	CHV 16 X MHV 16 X25 MHV 16 X32	Pg 21 Pg 29 M32 M40	CAV 16 X CAV 16 X29 MAV 16 X32 MAV 16 X40
<b>Size 24</b>	Pg21 M25 M32	CHO 24 X MHO 24 X25 MHO 24 X32	Pg 21 Pg29 M32 M40	CAO 24 X29 CAO 24 X29 MAO 24 X32 MAO 24 X40	Pg21 M25 M32	CHV 24 X MHV 24 X25 MHV 24 X32	Pg 21 Pg 29 M32 M40	CAV 24 X CAV 24 X29 MAV 24 X40 MAV 24 X40
<b>Size 32</b>	Pg 36 M40	CHO 32 X MHO 32 X40			Pg 36 Pg 42 M40	CHV 32 X CHV 32 X42 MHO 32 X40		
<b>Size 50</b>	Pg 21	CHO 50X					Pg21 Pg29 M32 ¾" NPT	CAV 50 X CAV 50 X29 MAV 50 X32 CAVT 50.5 X

Information subject to change without notice

Where NPT threads are not available, ITC can provide thread adapters and cable glands in all available threads

## Central Lever Hoods with Levers, Metric Thread Side & Top Entry, Sizes 6 to 24 (Order by Part No.)





- Mates with central lever mounts and hoods without levers (see next table)
- **Materials - Body:** die-cast aluminum alloy, **Levers:** stainless steel

	Side Entry		Top Entry		Side Entry Incline		Top Entry with Incline	
								
	Entry Thread	Part No.	Entry Thread	Part No.	Entry Thread	Part No.	Entry Thread	Part No.
Size 6	M25	MAO 06 YX25	M25	MAV 06 YX25				
	M32	MAO 06 YX32	M32	MAV 06 YX32				
Size 10	M32	MAO 10 YX32	M32	MAV 10 YX32				
	M40	MAO 10 YX40	M40	MAV 10 YX40				
Size 16	M32	MAO 16 YX32	M32	MAV 16 YX32				
	M40	MAO 16 YX40	M40	MAV 16 YX40				
Size 24	M32	MAO 24 YX32	M32	MAV 24 YX32	M40	MIO 24 YX40	M40	MIV 24 YX40
	M40	MAO 24 YX40	M40	MAV 24 YX40	M50	MIO 24 YX50	M50	MIV 24 YX50

Information subject to change without notice

## Central Lever Mounts & Hoods without Levers for Central Levels, Sizes 6 to 24 (Order by Part No.)

- Mates with central lever mounts and hoods with levers (see table above)
- **Materials - Body:** die-cast aluminum alloy






	Bulkhead mounting with 2 pegs for Central levers	Surface mounting bulkhead with 2 x M32 cable entries	Top Entry with Adaptor		Top Entry No Adaptor	
						
	Part No.	Part No.	Entry Thread	Part No.	Entry Thread	Part No.
Size 6	CHI 06 YC	MAP 06 YC232	M25	MAV 06 GYC25	M25	MFV 06 GYC25
			M32	MAV 06 GYC32	M32	MFV 06 GYC32
Size 10	CHI 10 YC	MAP 06 YC232	M40	MAV 06 GYC40	M40	MFV 06 GYC40
			M25	MAV 10 GYC25	M25	MFV 10 GYC25
Size 16	CHI 16 YC	MAP 16 YC232	M32	MAV 10 GYC32	M32	MFV 10 GYC32
			M40	MAV 10 GYC40	M40	MFV 10 GYC40
Size 24	CHI 24 YC	MAP 24 YC232	M25	MAV 16 GYC25	M25	MFV 16 GYC25
			M32	MAV 16 GYC32	M32	MFV 16 GYC32
			M40	MAV 16 GYC40	M40	MFV 16 GYC40
			M25	MAV 24 GYC25	M25	MFV 24 GYC25
			M32	MAV 24 GYC32	M32	MFV 24 GYC32
			M40	MAV 24 GYC40	M40	MFV 24 GYC40

Information subject to change without notice



## Hood for Festoon/Flat Cable Entry, Size 24 (Order by Part No.)



- Designed to accept wide flat cable (festoon, ribbon...) through the unique top entry/dual closure strain relief system
- 3 pre-slotted cable grommets
- Custom models can be ordered from the factory (minimum quantities apply), or drill your own through use of the solid, undrilled grommet
- For use in conjunction with 2 lever bases and couplers

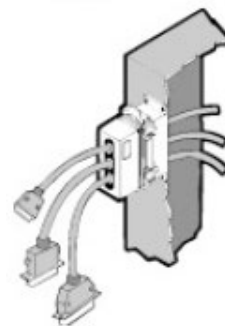
Description	Hood with Dual Closure for Flat Cable Entry - Size 24 (Mates with 2 lever bases/couplers)	Cable Grommet with 18.8 x 5.8mm Slot	Cable Grommet with 63.8 x 5.1mm Slot	Cable Grommet with 36.0 x 9.0mm Slot	Cable Grommet with No Slot
					
Part No.	CAN 24	CRN 1	CRN 2	CRN 3	CRN P

Information subject to change without notice

## Hoods for Passing Pre-terminated Cables, Sizes 16 to 24 (Order by Part No.)

- Ideal solution for the passage of pre-terminated data transmission cables (d-sub, ethernet, etc.) through a panel wall
- Available in a 3 cable (size 16) or 4 cable (size 24) model, and mate with 2 lever bases




Description	3 Cable Passing Hood (mates to 2 lever bases)	4 Cable Passing Hood (mates to 2 lever bases)
		
Size	16	24
Part No.	CYR 16.3	CYR 24.4



Information subject to change without notice

## Non-Metallic Bases - Size 3 (Order by Part No.)







- Thermoplastic bases with single lever for all size 3 inserts

Description	Straight Bulkhead Base with Lever		90° Bulkhead Base with Lever		Surface Mount Base with Lever	
						
	Grey	Black			Entry Thread	Part Number
Part No.	CK 03 I	CK 03 IN	CK 03 IA		Pg 11 M20	CK 03 IAPS MK IAP20

Information subject to change without notice

## Metal Bases - Size 3 (Order by Part No.)




- Metal bases with single lever for all size 3 inserts

Description	Straight Bulkhead Base with Galvanized Lever	Straight Bulkhead Base with Stainless Lever	90° Bulkhead Base with Galvanized Lever	90° Bulkhead Base with Stainless Lever	Surface Mount Base with Galvanized Lever		Surface Mount Base with Stainless Lever	
								
	Part Number	Part Number	Part Number	Part Number	Entry Thread	Part Number	Entry Thread	Part Number
	CKA 03 I	CKAX 03 I	CKA 03 IA	CKAX 03 IA	Pg 11 M20	CKA 03 IAPS MKA IAP20	Pg 11 M20	CKAX 03 IAPS MKAX IAP20

Information subject to change without notice

## Non-Metallic Hoods - Size 3 (Order by Part No.)





- Thermoplastic hoods with two pegs for all size 3 inserts

Description	Straight Hood with 2 Pegs			90° Hood with 2 Pegs			Cable Coupling Hood with Lever		
									
Entry Thread	Part No.	Part No.		Entry Thread	Grey Part No.	Black Part No.	Entry Thread	Grey Part No.	Black Part No.
Pg 11 M20	CK 03 VS MK V20	CK-03 VNS MK VN20		Pg 20 M20	CK 03 VAS MK VA20	CK 03 VANS MK VAN20	Pg 11 M20	CK 03 VGS MK VG20	CK 03 VGNS MK VGN20

Information subject to change without notice

## Metal Hoods - Size 3 (Order by Part No.)

- Metal hoods with two pegs for all size 3 inserts



Description	Straight Hood with 2 Pegs		90° Hood with 2 Pegs		Cable Coupling Hood with Galvanized Lever		Cable Coupling Hood with Stainless Steel Lever	
								
	Entry Thread	Part No.	Entry Thread	Part No.	Entry Thread	Part No.	Entry Thread	Part No.
	Pg 11 M20 3/8" NPT 1/2" NPT	CKA 03 VS MKA V20 CKAT 03.3V CKAT 03.4V	Pg 11 M20	CKA 03 VAS MKA VA20	Pg 11 M20 1/2" NPT	CKA 03 VGS MKA VG20 CKAT 03.4VGS	Pg 11 M20	CKAX 03 VCG MKAX VG20

Information subject to change without notice

## ILS Series Metal Bulkhead Housings with Hinged Covers - Size 3 (Order by Part No.)

These housings accept the following inserts:

- 3/4 poles + screw terminal connections, silver plated contacts - CKF-03, CKF-04, CKM-03, CKM-04
- 7/8 poles, crimp connections - CDF-07, CDF-08, CDM-07, CDM-08
- 3/4 poles + screw terminal connections, silver plated contacts - CKF-03RY, CKF-04RY, CKM-03RY, CKM-04RY
- 3/4 poles + screw terminal connections, gold plated contacts - CKFD-03, CKFD-04, CKMD-03, CKMD-04

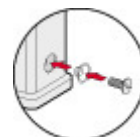
Description	Galvanized Levers		Stainless Steel Levers	
				
	For Female Inserts	For Male Inserts	For Female Inserts	For Male Inserts
Part No.	CKA-03ILS	CKA-03ILSA	DCAX-03ILS	CKAX-03ILSA

Information subject to change without notice

## Sealing Kit for Size 3 Inserts/Housings (Order by Part No.)

- Gasket and extended screw combination ensures proper IP66/IP67, Nema 12, NEMA 4/4X seal

Description	Sealing Kit for CK, CQ05, CKS Inserts	Sealing Kit for CD07/08 Inserts
Part No.	CKR 65	CKR 65 D







Information subject to change without notice




## ACCESSORIES

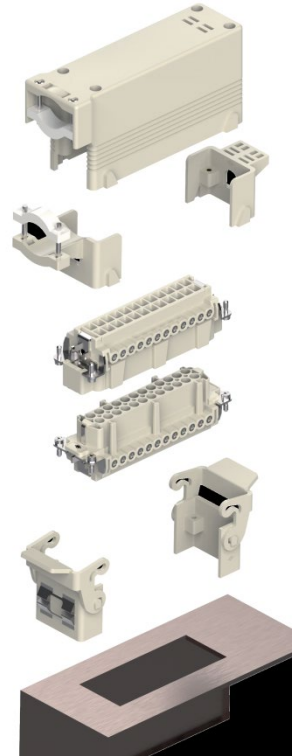
### COB Series Panel Supports (Order by Part No.)

- COB panel supports allow mounting of connectors inside or outside of the panel without the metal or plastic housings (for sizes 6 to 24 only)

Description	Snap-in Base with Levers for Mounting in Bulkhead Cut-out	Levers for coupling with Metallic Housings	Top Connection Carrier with Pegs	Top Connection Carrier with Pegs and Strain Relief
				
Part No.	COB TCQ	COB L	COB TSF	COB TSFS


Description	DIN Rail/Backplate Mount Base with levers for Interior Mounting	Connector Carrier Baseplate for Mounting on DIN Rail for Size 3	Insulated Top Connection Carrier with Pegs and Strain Relief
			
Part No.	Size 6 COB 06 BC Size 10 COB 10 BC Size 16 COB 16 BC Size 24 COB 24 BC	COB 03/3 BC	Size 6 COB 06 CMS Size 10 COB 10 CMS Size 16 COB 16 CMS Size 24 COB 24 CMS



Information subject to change without notice

### Self-Centering Stainless Steel Floating Frames (Order by Part No.)

- Allows coupling of male/female connector inserts without using housings
- +/- 1.5mm of movement permitted along the both the "x" and "y" axes
- Each frame supplied with 4 special zinc-plated steel mounting screws
- Note:** grounding connection between frames is not guaranteed and must be obtained separately
- Note:** frames are not be to used with CT,CTS,CTE and CTSE inserts





	
Part No.	For Insert Types
Size 6 CR-06DF	All "size 6" (44.27) or 2 MIXO frames
Size 10 CR-10DF	All "size 10" (57.27) or 3 MIXO frames
Size 16 CR-16DF	All "size 16" (77.27) or 4 MIXO frames
Size 24 CR-24DF	All "size24" (104.27) or 6 MIXO frames



Information subject to change without notice

## Metal & Plastic Covers - Size 3 (Order by Part No.)






- Spare covers for Size 3 bases, hoods and couplers
- Please note that different covers are required depending on the insert. For proper sealing, covers for male inserts have no gasket, covers for female inserts have a gasket. This applies to Size 3 only

Description	Covers with 2 Pegs with Gasket (for female inserts only)		Cover with 2 Pegs (for male inserts only)		Covers with Gasket with Lever (for female inserts only)		Cover with Lever (for male inserts only)	
								
Material	Plastic	Metal	Plastic	Metal	Plastic	Metal	Plastic	Metal
Part No.	CK 03 C	CKA 03 C	CK 03 CA	CKA 03 CA	CK 03 CX	CKAX 03 CX	CK 03 CXA	CKAX 03 CXA

Information subject to change without notice

## Metal covers - Sizes 6 to 50 (Order by Part No.)

- Spare covers for all bases, hoods and couplers provide protection during maintenance and transportation of equipment





Description	2 Peg Cover (for 1 lever bases/couplers)	4 Peg Cover (for 2 lever bases/couplers)	4 Peg Cover with Gasket (for 'X' 2 lever hoods)	Single Lever Cover (for 2 peg hoods)	Double Lever Cover (for 4 peg hoods)
					
Size 6	CHC 06 L			CHC 06 LG	
Size 10	CHC 10 L	CHC 10	CHC 10 C	CHC 10 LG	CHC 10 G
Size 15	CZC 15 L			CZC 15 LG	
Size 16	CHC 16 L	CHC 16	CHC 16 C	CHC 16 LG	CHC 16 G
Size 24	CHC 24 L	CHC 24	CHC 24 C	CHC 24 LG	CHC 24 G
Size 25	CZC 25 L			CZC 25 LG	
Size 32	CHC 32 L	CHC 32	CHC 32 C	CHC 32 LG	CHC 32 G
Size 48				CHC 48 LG *	
Size 50		CHC 50	CHC 50 C		CHC 50 G

Information subject to change without notice

\* Stainless Steel lever; Includes tether

## T-Series Thermoplastic Covers - Sizes 6 to 24 (Order by Part No.)

- Spare plastic covers for protection of bases and couplers only
- Can be used with metal or plastic series


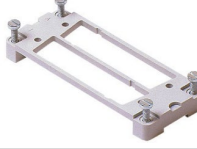
Description	2 Peg Cover (for 1 lever bases/couplers)	4 Peg Cover (for 2 lever bases/couplers)	4 Peg Cover (for 2 lever bases/couplers)	4 Peg Cover (for 2 lever bases/couplers)
				
Size	6	10	16	24
Part No.	TCHC 06 L	TCHC 10	TCHC 16	TCHC 24

Information subject to change without notice



## D-Sub Adapter Plates (Order by Part No.)

- Mount D-Sub connectors in ILME housing through utilization of these convenient adapter plates

Description	Plates for Single D-Sub Insert					Plates for Two D-Sub Inserts				
										
	9 Pin	15 Pin	25 Pin	37 Pin	50 Pin	9 Pin	15 Pin	25 Pin	37 Pin	50 Pin
Size 6	CR 09 AD1	CR 15 AD1				CR 09 AD2	CR 15 AD2			
Size 10			CR 25 AD1					CR 25 AD2		
Size 15	CR 09 AD	CR15 AD	CR 25 AD							
Size 16				CR 37 AD1	CR 50 AD1				CR 37 AD2	CR 50 AD2
Size 25				CR 37 AD	CR 50 AD					

Information subject to change without notice

## Coding and Guide Pins (Order by Part No.)

- Coding and guide pins prevent mismatching of connectors
- Metal Coding pins are designed to replace the fastening screws on the inserts
- Plastic coding pins are designed to replace one of the crimp contacts in an insert

Description	Coding Pin	Male Guiding Pin	Female Guiding Pin
			
	Standard	Standard	Standard
Stainless Steel	CR 20	CRM	CRF
Zinc-Plated	CR 20 D	CRM D	CRF D

Description	Plastic Coding Pin for CDC, CQ, CQE, CCE, CMCE and Mixo Inserts	Plastic Coding Pin for CD 07/08 Inserts	Plastic Guiding Pin for CQ 12 Insert
			
Part Number	CR CPQ	CR CP	CR Q12

Information subject to change without notice

## Closure and Reduction Plates for Size 24 Panel Cut-outs (Order by Part No.)

- Used to cover, or convert Size 24 cut-outs on panels; All plates are provided with built-in gasket
- Plastic insert supports for basic mounting of connectors to the interior or exterior of the panel (for sizes 6 to 24 only)

Description	Closure Plate for Size 24	Size 24 to Size 6 Reduction Plate	Size 24 to Size 10 Reduction Plate	Size 24 to Size 16 Reduction Plate	Size 24 Template/ Cutout Adapter
					
Plastic	CRH 24	CRZ 06	CRZ 10	CRZ 16	CRZ 24

## Punch and Die Sets for Rectangular Multipole Connectors (Order by Part No.)

- Easily aligned, offer time and cost savings for repeat multi-pole connector installation
- Punch and die sets knockout to precise connector requirements
  - Creates indents that indicate drill hole positioning

Size 3	502.321
Size 6	502.325
Size 10	502.326
Size 15	502.322
Size 16	502.327
Size 24	502.328
Size 25	502.323



Information subject to change without notice

## CJZ Series RJ45 Pre-Assembled Connectors (Order by Part No.)

- Metal or non-metallic size 3 housings with 8 data or 4 data or 4 data+2 power inserts
- IP rating: IP65/66/67

Description	Female RJ45 Connector Insert with Data Contacts in Size 3 Bulkhead Housing		Female RJ45 Connector Insert with Data + 2 Power Contacts in Size 3 Bulkhead Housing		RJ45 Adapter, 8 contacts, use in Size 3 housings			Female RJ45 Connector Insert with 8 Data Contacts in Size 3 Angled Bulkhead Housing
	Plastic Housing	Metal Housing	Plastic Housing	Metal Housing	Female Adapter	Male Adapter CAT 6	Male Adapter * M25 hoods only	Metal Housing
4 Contacts	CJZ 4 IN	CJZA 4 I	CJZ 4/2 IN	CJZA 4/2 I	—	—	—	—
8 Contacts	CJZ 8 IN	CJZA 8 I	—	—	CJK 8FT	CJK 8MT	CJK 8M	CJZA 8 IA4

Description	Male RJ45 Connector Insert with 4 Data Contacts in Size 3 Plastic Hood	Male RJ45 Connector Insert with 4 Data Contacts in Size 3 Metal Hood	Male RJ45 Connector Insert with 4 Data/2 Power Contacts in Size 3 Metal Hood	Male RJ45 Connector Insert with 4 Data/2 Power Contacts in Size 3 Metal Hood
Pg 11 Entry	CJZ 4 VN	CJZA 4 V	CJZA 4/2 V	CJZA 4/2 V
M20 Entry		MJZA 4 V		

Information subject to change without notice

## ADDITIONAL HOUSING TYPES AVAILABLE



**EMC**



**180 C Housings for High Temperatures**



**IP68 Housings for High Protection**



**E-Xtreme Housings for Extremely Aggressive Environments**



**Big Hoods with Enlarged Space for Cables**



**IL-BRID Housings with Thermoplastic & Stainless Steel Levers**



**W-Type Housings for Aggressive Environments**



**LS-Type Housings for Entertainment Industry**



**T-Type H Housings for Food and Hygienic Industries**

## ADDITIONAL ILME MULTIPOLE CONNECTORS SERIES



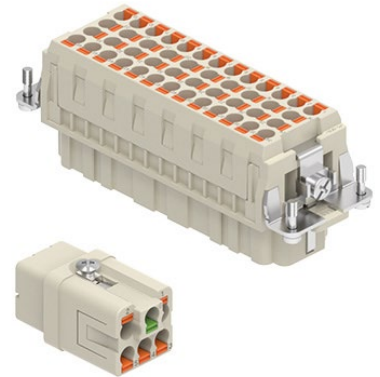
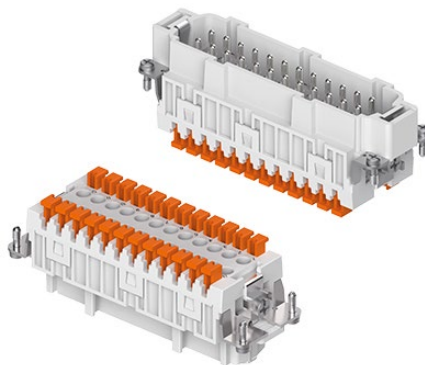
USB Inserts

RJ45 Inserts



COAXIAL Data Inserts

RJ 45 Inserts



MIXO Modular System

JEI® Inserts with Stamped Contacts

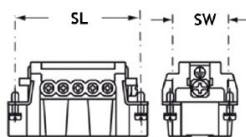
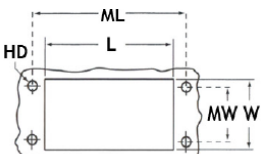
AXYR® Compact Push-In Inserts

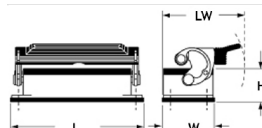
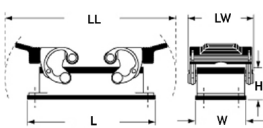
## Size Table

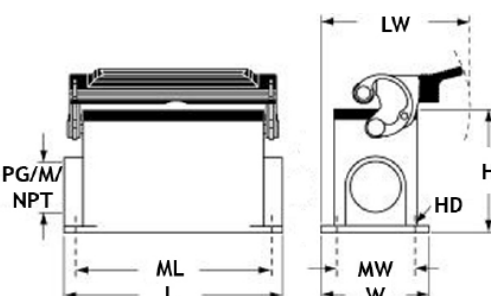
ITC Size	ILME Size
3	21.21
6	44.27
10	57.27
15	49.16
16	77.27
24	104.287
25	66.16
32	77.62
48	104.62
50	66.40

Information subject to change without notice

## Dimensional References for ILME Connectors

Description	Inserts (Distances between mounting screws)			Description	Panel Cut-outs for Bulkhead Housing					
	SL	SW			W	L	MW	ML	HD	
Size 3				Size 3	22	22		30	3.3	
Size 6	44	27		Size 6	35	52	32	70	4.5	
Size 10	57	27		Size 10	35	65	32	83	4.5	
Size 15	49.5	16		Size 15	23	57	17.5	70	3.4	
Size 16	77	27		Size 16	35	86	32	103	4.5	
Size 24	104	27		Size 24	35	112	32	130	4.5	
Size 25	66	16		Size 25	23	74	17.5	86	3.4	
Size 32				Size 32	76	88	65	110	4.5	
Size 48				Size 48	81	125	70	148	6.5	
Size 50				Size 50	48	74	42	92	4.4	

Description	Single Lever Bulkhead Bases					Double Lever Bulkhead Bases					
	L	W	H	LW		L	W	H	LW	LL	
Size 3											
Size 6	82.5	45.5	29	76.5							
Size 10	92.5	45.5	29	76.5	95.5	45.5	29	59	135		
Size 15	83	32	27	63							
Size 16	115.5	45.5	29	74	115.5	45.5	29	59	153		
Size 24	142.5	45.5	29	76.5	142.5	45.5	29	59	179.5		
Size 25	98	32	27	53							
Size 32	126	92	35	111	126	92	35	98.5	153		
Size 48	167.5	93	42	165.2							
Size 50					104	58.5	29	71	146		

Description	Single Lever Surface Mount Bases Standard and High Construction												
	All Bases			Std. Construction				High Construction					
	ML	L	HD	MW	W	H	LW	MW	W	H	LW		
Size 6	70	82	5.5	40	52	53	73.5	45	57	74	82		
Size 10	82	93.5	5.5	40	52	57	73.5	45	57				
Size 15	48	85	4.5	40	50	52	62						
Size 16	105	117	5.5	45	57	63	74	45	57	81	74		
Size 24	132	144	5.5	45	57	63	74	45	57	81	74		
Size 25	64	101	4.5					45	50	57	62		
Size 32	112	125	5.5	67	84	90	111						
Size 48	111	141	6.5	106	120	99	165						
Size 50													

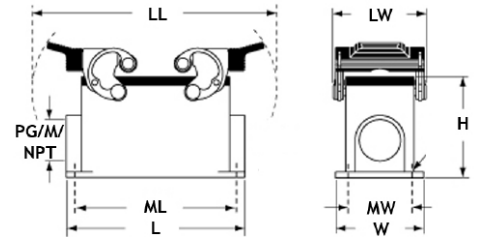
Information subject to change without notice



Description

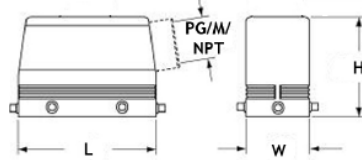
Double Lever Surface Mount Bases Standard and High Construction

	All Bases					Std. Construction			High Construction		
	ML	L	HD	LW	LL	MW	W	H	MW	W	H
Size 6											
Size 10	82	93.5	5.5	59	135	40	52	57	45	57	74
Size 15											
Size 16	105	117	5.5	59	153	45	57	63	45	57	81
Size 24	132	144	5.5	59	179.5	45	57	63	45	57	81
Size 25											
Size 32	112	125	5.5	98.5	153	67	84	90			
Size 48											
Size 50	94	106	5.5	71	146	46	57.3	82			



Description

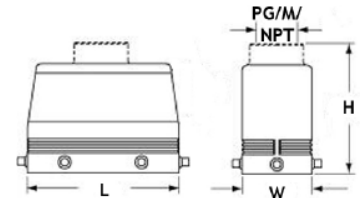
2 & 4 Peg Hoods - Side Entry



	All		Std	High
	L	W	H	H
Size 6	60	43	47	72
Size 10	73	43	52	70
Size 15	63	29.4	54.5	64.5
Size 16	93.5	43	63	76
Size 24	120	43	63	76
Size 25	79.5	29.4	54.5	70.5
Size 32	93.5	82.5	94	
Size 48	121	90	98	
Size 50				

Description

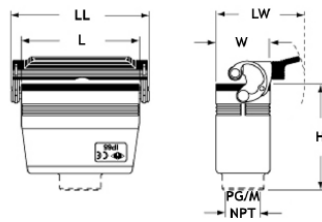
2 & 4 peg Hoods - Top Entry



	All	Std	High	
	L	W	H	H
Size 6	60	43	53	87.5
Size 10	73	43	58	85
Size 15	63	29.4	62	79.5
Size 16	93.5	43	59	91
Size 24	120	43	68	91
Size 25	79.5	29.4	64.5	85.5
Size 32	93.5	82.5	117	
Size 48	121	90	121	
Size 50	82	56	56	75

Description

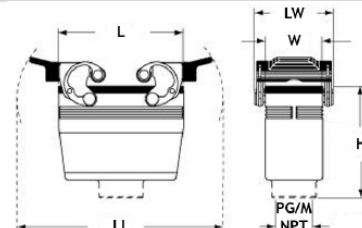
1 Lever Coupling Hoods  
Top Entry  
Std. and High Construction



	All				Std	High
	L	W	LL	LW	H	H
Size 6						
Size 10	73	43	89	74	63.5	91
Size 15						
Size 16	93.5	43	109.5	74	63.5	97
Size 24	120	43	136	74	73.5	97
Size 25						
Size 32	93.5	82.5	153	111	122.5	
Size 48						
Size 50						

Description

2 Lever Coupling Hoods  
Top Entry Std. and High Construction



	All				Std	High
	L	W	LL	LW	H	H
Size 6						
Size 10	73	43	135	59	63.5	91
Size 15						
Size 16	93.5	43	153	59	63.5	97
Size 24	120	43	179.5	59	73.5	97
Size 25						
Size 32	93.5	82.5	153	98.5	122.5	
Size 48						
Size 50						

Information subject to change without notice

Since 1994, ITC is a trusted resource for industrial electrical and automation components. With over 10000 different parts available from its Toronto area warehouse, ITC provides the perfect blend of dependable stock, quality products, fair pricing, and friendly, knowledgeable service.

Here are some of our manufacturing partners:

**elspelsberg**

**bimed**



**sontheimer**

**USE**



**DETASULTRA**

**COMET**

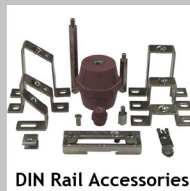
**TEKNIC**



TEL: 416-663-7223  
sales@itcproducts.com  
www.itcproducts.com



DIN Rail



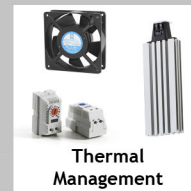
DIN Rail Accessories



Non-Metallic Enclosures



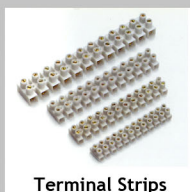
Hinged Enclosures



Thermal Management



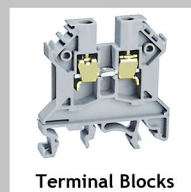
Multipole Connectors



Terminal Strips



Compact IP68 Connectors



Terminal Blocks



22.5mm Pushbuttons



LED Indicators



Control Stations



Limit Switches



Micro Limit Switches



Safety Switches



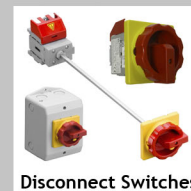
Foot Switches



Circuit Breakers



IEC Contactors



Disconnect Switches



Midget and CC Fuse Holders



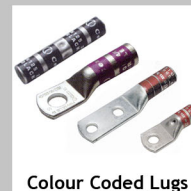
Tower Lights



Power Continuity



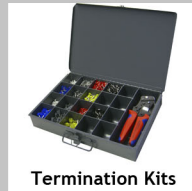
Ferrules



Colour Coded Lugs



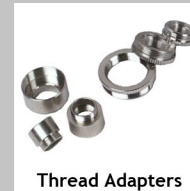
Crimp Terminals



Termination Kits



Cable Glands



Thread Adapters



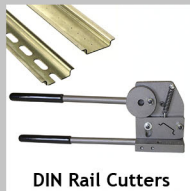
Cable Entry Systems



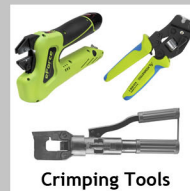
Wire Management



Assembly Tables



DIN Rail Cutters



Crimping Tools



Hole Cutting & Punching Tools



Cutting & Stripping Tools - Wire & Cable