

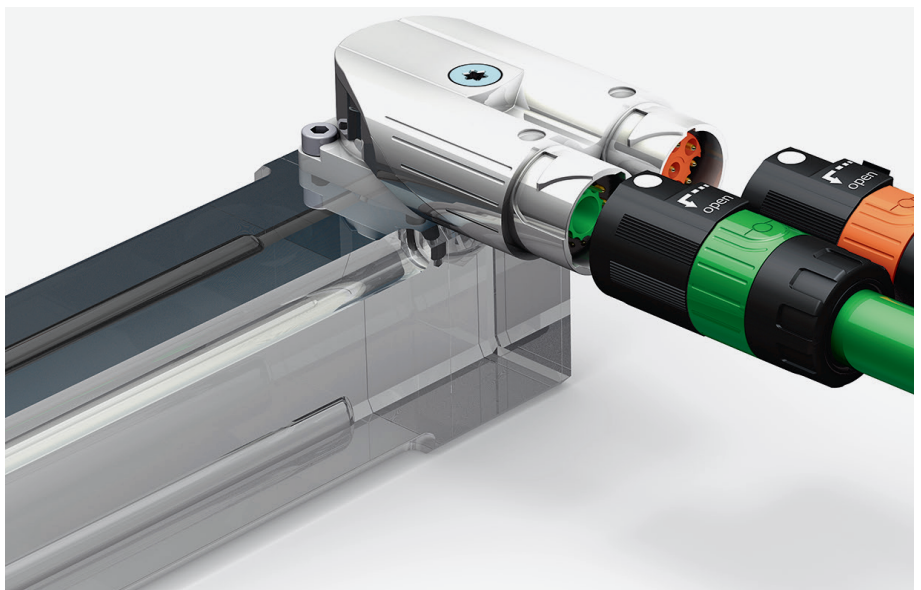
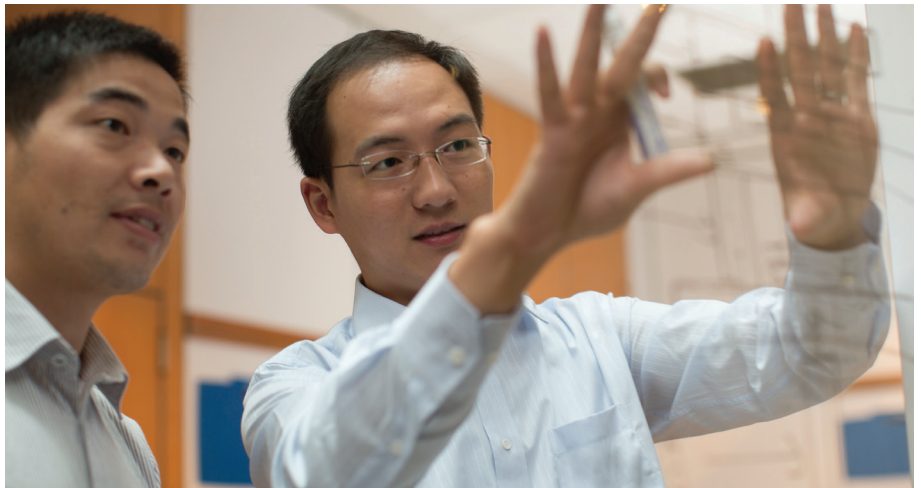


ttieurope.com



INTERCONTEC PRODUCTS

QUICK REFERENCE GUIDE



INTERCONTEC CONNECTOR SERIES

With the INTERCONTEC product portfolio, TE Connectivity now offers a large variety of solutions that make connecting easy. Our connectors consist of only a few single parts with a modular architecture which makes them highly compatible and usable in many different combinations. The connector assembly is possible without any tools and particularly easy due to the innovative crown clamp: the shielding mesh can remain uncut. Multiple codings prevent faulty mating of connectors when wiring complex equipment. With know-how and market expertise we challenge existing standards. We take a visionary approach to determine the connector technology of the future to provide our customers with innovative and market oriented solutions. Our connectors follow highly sophisticated engineering principles safeguarding an extremely easy and efficient assembly process. By elaborating highly user friendly optimum system solutions which are brought to the market in a very short time we quickly respond to our customers' needs. This is the key strength of TE's INTERCONTEC products.



APPLICATIONS



CONTENTS

Overview

| | |
|--------------------|----|
| Product Families | 05 |
| Highlights | 05 |
| Product Categories | 05 |

Product Key

| | |
|--------------------------------------|----|
| Finding a TE Part Number - 18 digits | 06 |
| Finding a TE Part Number - 15 digits | 07 |

Power Connectors

| | |
|-----|----|
| 912 | 08 |
| 915 | 09 |
| 917 | 10 |
| 923 | 12 |
| 940 | 14 |
| 958 | 16 |

Signal Connectors

| | |
|-----|----|
| 615 | 18 |
| 617 | 20 |
| 623 | 22 |
| 627 | 24 |

Signal Connectors

| | |
|-----|----|
| 615 | 18 |
| 617 | 20 |
| 623 | 22 |
| 627 | 24 |

Hybrid Connectors

| | |
|-----|----|
| 723 | 26 |
| 740 | 28 |

Application Set Up

| | |
|--------------------|----|
| Series 923 and 623 | 30 |
| Series 723 | 31 |




Innovative Highlights

| | |
|------------|----|
| ytec, itec | 32 |
| locktec | 32 |
| htec | 33 |
| SpeedTec | 33 |

NOTES










PRODUCT FAMILIES








| | | |
|---|--|--|
| <p>Power connectors (9 Series)</p>  <p>912, 915, 917, 923, 940, 958 912 means: size M12 power connector</p> | <p>Signal connectors (6 Series)</p>  <p>615, 617, 623, 627</p> | <p>Hybrid connectors (7 Series)</p>  <p>723, 740</p> |
|---|--|--|

HIGHLIGHTS

ytec and itec Self-locking Systems

| | | | |
|--|---|---|---|
| <p>ytec, itec</p>  <p>Quick lock fastener fully connected with just a click self locking connection</p> | <p>ytec connector</p>  <p>The ytec system requires only one mounting hole</p> | <p>itec connector</p>  <p>itec is available in all ytec pin layouts and is compatible with all mating ytec plugs</p> | <p>SpeedTec locking system</p>  <p>Quick lock fastener fully connected with just an eighth rotation</p> |
| <p>locktec connector</p>  <p>The freely terminable connectors with the characteristics of a molded version</p> | <p>singletec connector</p>  <p>One single pin power connector</p> | <p>htec connector</p>  <p>Power, signal and data in one connector</p> | |

PRODUCT CATEGORIES

| | | | |
|---|--|---|--|
| <p>Plug</p>  <p>Cable connector with coupling nut</p> | <p>Plug, angled</p>  <p>Angled cable connector with coupling nut</p> | <p>Bulkhead</p>  <p>Device connector with coupling nut. Interface: flange, thread, counter nut, etc.</p> | <p>Extension</p>  <p>Cable connector with outside thread. Additional versions for cabinets, walls, etc</p> |
| <p>Extension, angled</p>  <p>Angled cable connector with outside thread</p> | <p>Receptacle</p>  <p>Device connector with outside thread</p> | <p>Receptacle, angled</p>  <p>Angled device connector with outside thread</p> | |

FINDING A TE PART NUMBER - 18 DIGITS

TE CONNECTIVITY PART NUMBER

E S B 002 N 00 32 0001 000

INTERCONTEC PART NUMBER

E ST B 002 NN 00 32 0001 000

Series:

- A = Signal (617, 623, 627)
- B = Power (917, 923)
- C = 940
- D = 958
- E = 615/915
- H = htec
- P = singletec (917, 923)

Housing:

| | | |
|------------|--------------------------------|---|
| ST, 51, 81 | Plug | S |
| KU, 52, 82 | Extensions | K |
| EG | Receptacles, straight | E |
| ED, 56, 86 | Receptacles, angled, rotatable | G |
| DF | Bulkhead connector | D |
| EW | Receptacles, angled | F |
| SD | Plug, angled, rotatable | U |

Housing Surface:

(does not apply for Series 615, 915)
e.g. A = nickel-plated

Material for clamping ring:
(only applicable for Series 615, 915)

- A = metal cable fitting
- B = plastic cable fitting

Insulation Inserts:

internal code

Packaging:
internal code

Design Variation:
internal code except at Series H81, H82, H86 0100 100P

Cable Clamp:
internal code For bulkhead connectors, receptacles and angled receptacles corresponding field is marked „00“.

Contacts:
internal code
NN OO = contacts not part of delivery contents. Please order separately with denoted item number.

| MALE | | | FEMALE | | |
|------|-----|--------------|--------|-----|--------------|
| OLD | NEW | Connection | OLD | NEW | Connection |
| NN | N | No contacts | NN | N | |
| MR | M | Crimp | FR | F | Crimp |
| MS | S | Solder | FS | G | Solder |
| MD | D | Board solder | FD | H | Board solder |
| MT | T | Screwed | | | |

FINDING A TE PART NUMBER - 15 DIGITS

Intercontec Part Number: 60.004.11

| | Letter/Number | Letter/Number | Special Character | Letter | Number | Number | Number | Special Character | Letter/Number | Letter Number | Letter/Number | Special Character | Letter | Letter/Number | Letter/Number |
|-------------------|---------------|---------------|-------------------|------------|------------|------------|------------|-------------------|---------------|---------------|---------------|-------------------|-------------|---------------|---------------|
| Part Number (Old) | Position 1 | Position 2 | Position 3 | Position 4 | Position 5 | Position 6 | Position 7 | Position 8 | Position 9 | Position 10 | Position 11 | Position 12 | Position 13 | Position 14 | Position 15 |
| 10.415.02 | 1 | 0 | . | | 4 | 1 | 5 | . | | 0 | 2 | | | | |
| 60.004.11 | 6 | 0 | . | | 0 | 0 | 4 | . | | 1 | 1 | | | | |
| 60.046.21.015 | 6 | 0 | . | | 0 | 4 | 6 | . | | 2 | 1 | . | 0 | 1 | 5 |
| 10.681.00-UB | 1 | 0 | . | | 6 | 8 | 1 | . | | U | B | | | | |
| 61.232.11.00M | 6 | 1 | . | | 2 | 3 | 2 | . | | 1 | 1 | . | 0 | 0 | M |
| 61.232.11.C00 | 6 | 1 | . | | 2 | 3 | 2 | . | | 1 | 1 | . | C | 0 | 0 |
| 80.362.KB | 8 | 0 | . | | 3 | 6 | 2 | . | | K | B | | | | |
| 81.139.T92 | 8 | 1 | . | | 1 | 3 | 9 | . | T | 9 | 2 | | | | |
| 8C.001.01.001 | 8 | C | . | | 0 | 0 | 1 | . | | 0 | 1 | . | 0 | 0 | 1 |
| A6.032.F15 | A | 6 | . | | 0 | 3 | 2 | . | F | 1 | 5 | | | | |
| C6.107.00.C00 | C | 6 | . | | 1 | 0 | 7 | . | | 0 | 0 | . | C | 0 | 0 |
| C0.313.00.LG | C | 0 | . | | 3 | 1 | 3 | . | | 0 | 0 | . | L | G | |
| BB.182.00-SW | B | B | . | | 1 | 8 | 2 | . | | 0 | 0 | . | S | W | |
| FF.051.00.010 | F | F | . | | 0 | 5 | 1 | . | | 0 | 0 | . | 0 | 1 | 0 |
| 40.A132.00 | 4 | 0 | . | A | 1 | 3 | 2 | . | | 0 | 0 | | | | |

TE Connectivity Part Number: 60-0004-011-0000

| | Letter/Number | Letter/Number | Special Character | Letter | Number | Number | Number | Special Character | Letter/Number | Letter/Number | Letter/Number | Special Character | Letter/Number | Letter/Number | Letter/Number |
|-------------------|---------------|---------------|-------------------|------------|------------|------------|------------|-------------------|---------------|---------------|---------------|-------------------|---------------|---------------|---------------|
| Part Number (New) | Position 1 | Position 2 | Position 3 | Position 4 | Position 5 | Position 6 | Position 7 | Position 8 | Position 9 | Position 10 | Position 11 | Position 12 | Position 13 | Position 14 | Position 15 |
| 10-0415-002-000 | 1 | 0 | - | 0 | 4 | 1 | 5 | - | 0 | 0 | 2 | - | 0 | 0 | 0 |
| 60-0004-011-000 | 6 | 0 | - | 0 | 0 | 0 | 4 | - | 0 | 1 | 1 | - | 0 | 0 | 0 |
| 60-0046-021-015 | 6 | 0 | - | 0 | 0 | 4 | 6 | - | 0 | 2 | 1 | - | 0 | 1 | 5 |
| 10-0681-000-0UB | 1 | 0 | - | 0 | 6 | 8 | 1 | - | 0 | 0 | 0 | - | 0 | U | B |
| 61-0232-011-00M | 6 | 1 | - | 0 | 2 | 3 | 2 | - | 0 | 1 | 1 | - | 0 | 0 | M |
| 61-0232-011-C00 | 6 | 1 | - | 0 | 2 | 3 | 2 | - | 0 | 1 | 1 | - | C | 0 | 0 |
| 80-0362-0KB-000 | 8 | 0 | - | 0 | 3 | 6 | 2 | - | 0 | K | B | - | 0 | 0 | 0 |
| 81-0139-T92-000 | 8 | 1 | - | 0 | 1 | 3 | 9 | - | T | 9 | 2 | - | 0 | 0 | 0 |
| 8C-0001-001-001 | 8 | C | - | 0 | 0 | 0 | 1 | - | 0 | 0 | 1 | - | 0 | 0 | 1 |
| A6-0032-F15-000 | A | 6 | - | 0 | 0 | 3 | 2 | - | F | 1 | 5 | - | 0 | 0 | 0 |
| C6-0107-000-C00 | C | 6 | - | 0 | 1 | 0 | 7 | - | 0 | 0 | 0 | - | C | 0 | 0 |
| C0-0313-000-0LG | C | 0 | - | 0 | 3 | 1 | 3 | - | 0 | 0 | 0 | - | 0 | L | G |
| BB-0182-000-0SW | B | B | - | 0 | 1 | 8 | 2 | - | 0 | 0 | 0 | - | 0 | S | W |
| FF-0051-000-010 | F | F | - | 0 | 0 | 5 | 1 | - | 0 | 0 | 0 | - | 0 | 1 | 0 |
| 40-A132-000-000 | 4 | 0 | - | A | 1 | 3 | 2 | - | 0 | 0 | 0 | - | 0 | 0 | 0 |

912

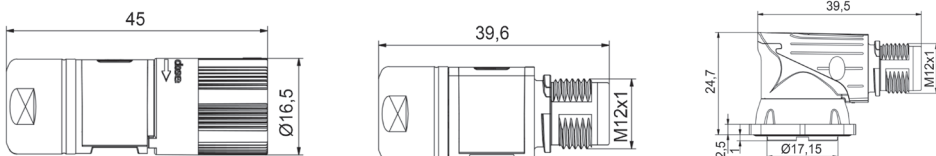
| Pin Number | | | SpeedTec Plug | SpeedTec Extension | SpeedTec Receptacle angled, rotatable |
|--|---|----|--|----------------------|--|
| 8 (3+PE+4)  | M | TE | | BKA441N00xx100B000 | BGA442N0000yyyy000 |
| | | IC | | BKUA441NN00xx100B000 | BEDA442NN0000yyyy000 |
| | F | TE | BSA440N00xx100B000 | | |
| | | IC | BSTA440NN00xx100B000 | | |
| 10 (3+PE+6)  | M | TE | | BKA461N00xx100B000 | BGA462N0000yyyy000 |
| | | IC | | BKUA461NN00xx100B000 | BEDA462NN0000yyyy000 |
| | F | TE | BSA460N00xx100B000 | | |
| | | IC | BSTA460NN00xx100B000 | | |
| TECHNICAL DATA | | | Housing:..... zinc diecast, nickel-plated, plastic coated Insulation insert:..... PA/PBT, UL 94-V0 Sealing:..... FPM Clamp ring:..... brass, nickel-plated Current:..... 8 A (3+PE)/1A (4x) (8 pin), 8 A (3+PE)/1A (6x) (10 pin) | | Voltage:..... 630 V / 48 V (8 pin), 300 V / 32 V(4x), 50 V (2x) (10pin) Protection type:..... IP 66/67 connected Mating Cycles:..... 500 Temperature range:..... -20 °C to 130 °C Shielding:..... EMC 360 ° shielded housing |

Note: M = Male, F = Female


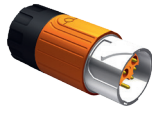





xx=08: cable dia. 8.0 - 8.9 mm, 09: cable dia. 8.7 - 9.9 mm
 yyyy receptacle angled=100B: flange size 21.6 x 21.6 mm, 101B: flange size 25.7 x 25.7 mm

| CONTACT PN | CRIMPING RANGE AWG / mm² | CONTACT FEATURE / CONTACT DIAMETER mm | CRIMP TOOL PN | LOCATOR / CRIMPING INSERT | INSULATION INSERT | | | | |
|------------------------------------|--------------------------|---------------------------------------|---------------|---------------------------|-------------------|-----------|-----------|------------|------------|
| | | | | | 440 8 - F | 441 8 - M | 442 8 - M | 460 10 - F | 461 10 - M |
| TE 1658537-3 IC 60.438.00 | AWG 24-20 / 0.2 - 0.6 | Bandoleer socket D-Sub/1 | 58448-3 | | 4x | | | 4x | |
| TE 1658542-2 IC 60.457.00 | | | | | | | | | |
| TE 1658538-2 IC 60.218.00 | AWG 28-24 / 0.08 - 0.22 | Bandoleer socket D-Sub/1 | 58448-3 | | 4x | | | 4x | |
| TE 60-0278-011-000 IC 60.278.11 | | | | | | | | | |
| TE 1658539-1 IC 61.233.00 | AWG 24-20 / 0.2 - 0.6 | Bandoleer pin D-Sub/1 | 58448-3 | | | 4x | 4x | | 4x |
| TE 1658541-1 IC 61.379.00 | | | | | | | | | |
| TE 1658540-4 IC 61.222.00 | AWG 28-24 / 0.08 - 0.22 | Bandoleer pin D-Sub/1 | 58448-3 | | | 4x | 4x | | 4x |
| TE 61-0252-011-000 IC 61.252.11 | | | | | | | | | |
| | | | CO.325.00 | CO.265.00 | | | | | |

MAIN DIMENSIONS, HOUSING VARIANTS



915

| Pin Number | | |  |  |  |  |  | |
|---|---|----|---|---|---|---|---|--|
| 9 (3+PE+5)  | M | TE | ESA201N00xx0500000 | EKA201N00xx0500000 | EEA201N0000yyyy000 | EGA201N00000800000 | EGA103N0000yyyy000 | |
| | | IC | ESTA201NN00xx0500000 | EKUA201NN00xx0500000 | EEGA201NN0000yyyy000 | EEDA201NN00000800000 | EEDA103NN0000yyyy000 | |
| | F | TE | ESA202N00xx0500000 | EKA202N00xx0500000 | EEA202N0000yyyy000 | EGA202N00000800000 | EGA107N0000yyyy000 | |
| | | IC | ESTA202NN00xx0500000 | EKUA202NN00xx0500000 | EEGA202NN0000yyyy000 | EEDA202NN00000800000 | EEDA107NN0000yyyy000 | |
| 15 (12+3)  | M | TE | ESA204N00xx0003000 | EKA204N00xx0003000 | EEA204N0000yyyy000 | EGA204N00000600000 | EGA103N0000yyyy000 | |
| | | IC | ESTA204NN00xx0003000 | EKUA204NN00xx0003000 | EEGA204NN0000yyyy000 | EEDA204NN00000600000 | EEDA103NN0000yyyy000 | |
| | F | TE | ESA205N00xx0003000 | EKA205N00xx0003000 | EEA205N0000yyyy000 | EGA205N00000600000 | EGA107N0000yyyy000 | |
| | | IC | ESTA205NN00xx0003000 | EKUA205NN00xx0003000 | EEGA205NN0000yyyy000 | EEDA205NN00000600000 | EEDA107NN0000yyyy000 | |
| TECHNICAL DATA | | | Housing:.....zinc diecast, nickel-plated, plastic coated Insulation insert:PA/PBT, UL 94-V0 Sealing:.....FPM Clamp ring:brass, nickel-plated Current:14 A(3+PE)/3,6 A (5x) (9 pin), 5 A(12x/14 A (3x) (12+3 pin) | | | Voltage:.....630 V / 63 V (9 pin), 63 V (12+3 pin) Protection type:.....IP 66/67 connected Mating Cycles:.....500 Temperature range:.....-20 °C to 130 °C Shielding:.....EMC 360 ° shielded housing | | |

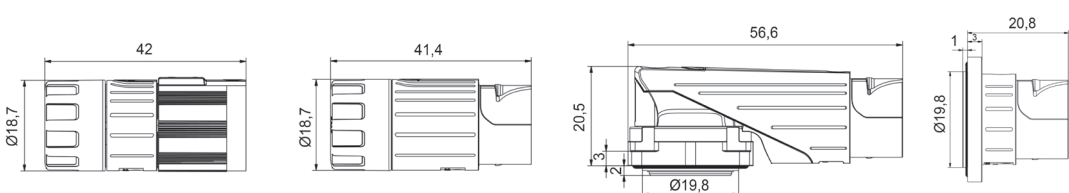
Note: M = Male, F = Female

xx = 31: cable dia. 4.5 - 6.5 mm, 32: cable dia. 6.5 - 8.5 mm,
 xx = 33: cable dia. 8.5 - 10.5 mm, 34: cable dia. 10.5 - 12.0 mm,

yyyy receptacle = 0001: flange size 21.6 x 21.6 mm, 0002: flange size 25.7 x 25.7 mm
 yyyy double receptacle = 0001: flange size 25.8 x 25.8 mm, 0002: flange size 28.0 x 28.0 mm

| CONTACT PN | CRIMPING RANGE mm ² | CONTACT FEATURE/ CONTACT DIAMETER mm | CRIMP TOOL PN | INSULATION INSERT | | | | | |
|--------------------|--------------------------------|--------------------------------------|-----------------|-------------------|---------|----------|----------|------------|------------|
| | | | | 201 9-M | 202 9-F | 204 15-M | 205 15-F | 103 9+15-M | 107 9+15-F |
| TE 60-0251-011-000 | 0.5 - 1.5 | Slotted power /1 | CO-0235-000-000 | 4x | 4x | 3x | 7x | 7x | |
| IC 60.251.11 | | | CO.235.00 | | | | | | |
| TE 60-0252-011-000 | 0.05 - 0.75 | Female Signal /1 | CO-0235-000-000 | 5x | 12x | 17x | 17x | 17x | |
| IC 60.252.11 | | | CO.235.00 | | | | | | |
| TE 60-0265-011-000 | 0.05 - 0.75 | Slotted power /1 | CO-0235-000-000 | 4x | 3x | 7x | 7x | 7x | |
| IC 60.265.11 | | | CO.235.00 | | | | | | |
| TE 61-0231-011-000 | 0.5 - 1.5 | Pin power /1 | CO-0235-000-000 | 4x | 3x | 7x | 7x | 7x | |
| IC 61.231.11 | | | CO.235.00 | | | | | | |
| TE 61-0232-011-000 | 0.05 - 0.75 | Pin Signal /1 | CO-0235-000-000 | 5x | 12x | 17x | 17x | 17x | |
| IC 61.232.11 | | | CO.235.00 | | | | | | |
| TE 61-0139-011-000 | 0.05 - 0.75 | Pin power /1 | CO-0235-000-000 | 4x | 3x | 7x | 7x | 7x | |
| IC 61.139.11 | | | CO.235.00 | | | | | | |

MAIN DIMENSIONS, HOUSING VARIANTS



ACCESSORIES



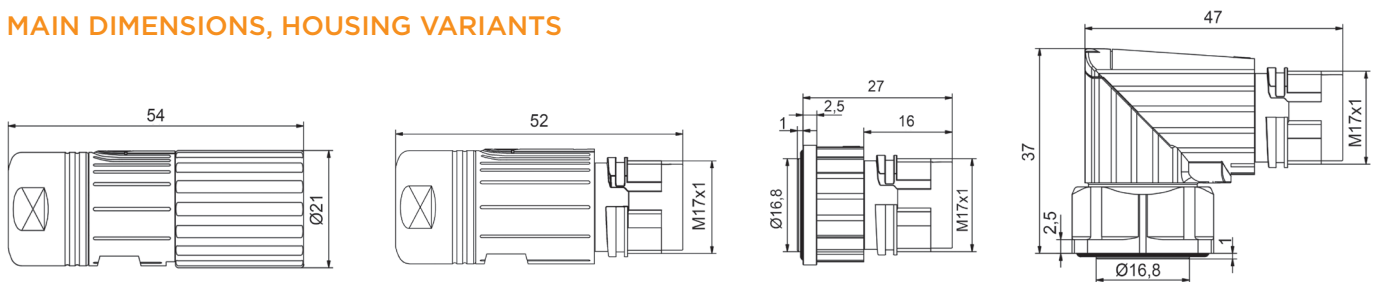
Plastic protection cap
 TE: 8A-0033-000-000
 IC: 8A.033.00

| Pin Number | | | Screw plug | SpeedTec Plug | SpeedTec Extension | SpeedTec Receptacle | SpeedTec Receptacle angled, rotatable | |
|---|---|----|---|----------------------|----------------------|--|---------------------------------------|--|
|  4 (3+PE) | M | TE | BSA894N00xx202A000 | BSA894N00xx056A000 | BKA894N00xx056A000 | BEA894N0000051A000 | BGC894N0000yyyy000 | |
| | | IC | BSTA894NN00xx202A000 | BSTA894NN00xx056A000 | BKUA894NN00xx056A000 | BEGA894N0000051A000 | BEDC894NN0000yyyy000 | |
| | F | TE | BSA896N00xx202A000 | BSA896N00xx056A000 | BKA896N00xx056A000 | BEA896N0000051A000 | BGC896N0000yyyy000 | |
| | | IC | BSTA896NN00xx202A000 | BSTA896NN00xx056A000 | BKUA896NN00xx056A000 | BEGA896N0000051A000 | BEDC896NN0000yyyy000 | |
|  7 (6+PE) max. 10A | M | TE | BSA863N00xx201A000 | BSA863N00xx055A000 | BKA863N00xx055A000 | BEA863N0000050A000 | BGC863N0000yyyy000 | |
| | | IC | BSTA863NN00xx201A000 | BSTA863NN00xx055A000 | BKUA863NN00xx055A000 | BEGA863NN0000050A000 | BEDC863NN0000yyyy000 | |
| | F | TE | BSA861N00xx201A000 | BSA861N00xx055A000 | BKA861N00xx055A000 | BEA861N0000050A000 | BGC861N0000yyyy000 | |
| | | IC | BSTA861NN00xx201A000 | BSTA861NN00xx055A000 | BKUA861NN00xx055A000 | BEGA861NN0000050A000 | BEDC861NN0000yyyy000 | |
|  7 (6+PE) 14A | M | TE | BSA878N00xx201A000 | BSA878N00xx055A000 | BKA878N00xx055A000 | BEA878N0000050A000 | BGC878N0000yyyy000 | |
| | | IC | BSTA878NN00xx201A000 | BSTA878NN00xx055A000 | BKUA878NN00xx055A000 | BEGA878NN0000050A000 | BEDC878NN0000yyyy000 | |
| | F | TE | BSA880N00xx201A000 | BSA880N00xx055A000 | BKA880N00xx055A000 | BEA880N0000050A000 | BGC880N0000yyyy000 | |
| | | IC | BSTA880NN00xx201A000 | BSTA880NN00xx055A000 | BKUA880NN00xx055A000 | BEGA880NN0000050A000 | BEDC880NN0000yyyy000 | |
|  9 (3+PE+5) | M | TE | BSA906N00xx201A000 | BSA906N00xx055A000 | BKA906N00xx055A000 | BEA906N0000050A000 | BGC906N0000yyyy000 | |
| | | IC | BSTA906NN00xx201A000 | BSTA906NN00xx055A000 | BKUA906NN00xx055A000 | BEGA906NN0000050A000 | BEDC906NN0000yyyy000 | |
| | F | TE | BSA908N00xx201A000 | BSA908N00xx055A000 | BKA908N00xx055A000 | BEA908N0000050A000 | BGC908N0000yyyy000 | |
| | | IC | BSTA908NN00xx201A000 | BSTA908NN00xx055A000 | BKUA908NN00xx055A000 | BEGA908NN0000050A000 | BEDC908NN0000yyyy000 | |
|  1 singletec | M | TE | | PSA002N00xx050A000 | PKA002N00xx050A000 | PEA002N0000060A000 | | |
| | | IC | | SSTA002NN00xx050A000 | SKUA002NN00xx050A000 | SEGA002NN0000060A000 | | |
| | F | TE | | PSA001N00xx050A000 | PKA001N00xx050A000 | PEA001N0000060A000 | | |
| | | IC | | SSTA001NN00xx050A000 | SKUA001NN00xx050A000 | SEGA001NN0000060A000 | | |
| TECHNICAL DATA | | | Housing: zinc diecast and brass, nickel-plated Insulation insert: PA / PBT, UL 94-V0 Contacts: brass gold plated Sealing: FPM Clamp ring: brass, nickel-plated Current: 10 A (7 pin), 14 A (7, 9 pin), 20 A (4 pin), 64 A (1 pin) | | | Voltage: Power: 630 V Signal: 63 V (9 pin) Protection type: IP 66/67 connected Mating Cycles: 500 Temperature range: -20 °C to 130 °C Shielding: EMC 360 ° shielded housing | | |

Note: M = Male, F = Female

xx = 87: cable dia. 3.5 - 6.0 mm, 85: cable dia. 6.0 - 9.5 mm, 86: cable dia. 9.5 - 12.0 mm
 yyyy 4way = 053A: flange size 21.6 x 21.6 mm, 054A: flange size 25.7 x 25.7 mm, 055A: flange size 28.0 x 28.0 mm
 yyyy 7/9 way = 051A: flange size 21.6 x 21.6 mm, 052A: flange size 25.7 x 25.7 mm, 050A: flange size 28.0 x 28.0 mm

MAIN DIMENSIONS, HOUSING VARIANTS



| CONTACT PN | CRIMPING RANGE mm ² | CONTACT FEATURE/ CONTACT DIAMETER mm | CRIMP TOOL PN | INSULATION INSERT | | | | | | | | | | |
|------------------------------------|--------------------------------|--------------------------------------|------------------------------|------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----|
| | | | | 896 4-M | 894 4-F | 863 7-M | 878 7-M | 861 7-F | 880 7-F | 908 9-F | 908 9-F | 002 1-M | 001 1-F | |
| TE 60-0001-011-000 IC 60.001.11 | 0.06-1.0 | wire spring/1 | CO-0235-000-000 CO.235.00 | | | | | 7x | | | | | | |
| TE 60-0011.011-000 IC 60.011.11 | | slotted/1 | CO-0235-000-000 CO.235.00 | | | | | 7x | | | | | | |
| TE 60-0172-011-000 IC 60.172.11 | 0.03-0.34 | slotted/1 | CO-0235-000-000 CO.235.00 | | | | | 7x | | | | | | |
| TE 60-0159.011-000 IC 60.159.11 | | 0.5-1.5 | wire spring/1 | CO-0235-000-000 CO.235.00 | | | | | | 7x | | 4x | | |
| TE 60-0197-011-000 IC 60.197.11 | 0.35-2.5 | slotted/2 | CO-0235-000-000 CO.235.00 | | 4x | | | | | | | | | |
| TE 60-0205-011-000 IC 60.205.11 | | 0.05-0.5 | slotted/0.6 | CO-0235-000-000 CO-235-00 | | | | | | | | 5x | | |
| TE 60-0232-011-000 IC 60.232.11 | 6.0-10.0 | socket lamella/3.6 | CO-0008-000-000 CO-008-00 | | | | | | | | | | | 1x |
| TE 60-0240-011-000 IC 60.240.11 | | 1.5-4.0 | socket lamella/3.6 | CO.008.00 CO-0008-000-000 | | | | | | | | | | |
| TE 61-0004-011-000 IC 61.004.11 | 0.06-1.0 | slotted/1 | CO-0235-000-000 CO.235.00 | | | 7x | | | | | | | | |
| TE 61-0083-011-000 IC 61.083.11 | | 0.03-0.34 | slotted/1 | CO-0235-000-000 CO.235.00 | | | 7x | | | | | | | |
| TE 61-0141-011-000 IC 61.141.11 | 0.5-1.5 | pin/1 | CO-0235-000-000 CO.235.00 | | | | 7x | | | 4x | | | | |
| TE 61-0167-011-000 IC 61.167.11 | | 0.35-2.5 | pin/2 | CO-0235-000-000 CO.235.00 | 4x | | | | | | | | | |
| TE 61-0178-011-000 IC 61.178.11 | 0.05-0.5 | pin/0.6 | CO-0235-000-000 CO.235.00 | | | | | | | 5x | | | | |
| TE 61-0215-011-000 IC 61.215.11 | | 6.0-10.0 | pin/3.6 | CO-0008-000-000 CO.008.00 | | | | | | | | | 1x | |
| TE 61-0220-011-000 IC 61.220.11 | 1.5-4.0 | pin/3.6 | CO-0008-000-000 CO.008.00 | | | | | | | | | | 1x | |

ACCESSORIES



Plastic protection cap
TE: 8A-0029-000-000
IC: 8A.029.00



Metal flange, hinged
TE: E0-0194-002-000
IC: E0.194.02



Metal protection cap
TE: 8B-0048-0001-000
IC: 8B.048.01



Metal protection cap
TE: 8B-0067-001-000
IC: 8B.067.01

AUTOMATION OPTIONS

- Contacts on reel and processing with strip crimping machine on request
- Power crimping of turned contacts on request



Power crimping machine



Strip-crimping machine

ASSEMBLY TOOLS



Fixture
TE: WA-0100-092-000
IC: WA10092



Fitting tool for insulator
TE: C6-0107-000-000
IC: C6.107.00








Removing tool for insulator
TE: C4-0022-000-000
IC: C4.022.00



Positioning insert
TE: CO-0249-000-000
IC: CO.249.00

923

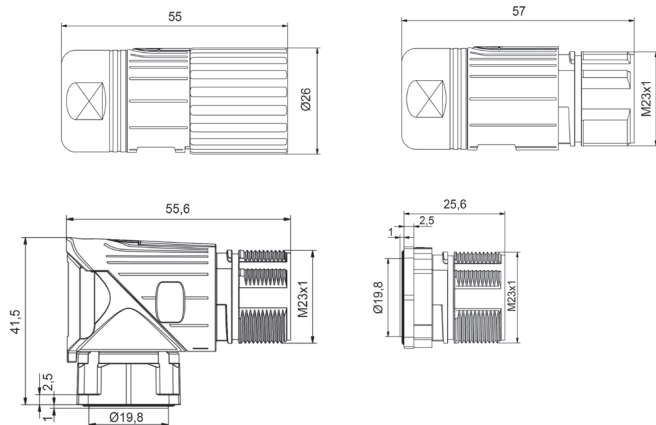
| Pin Number | | | Screw plug | SpeedTec Plug | SpeedTec Extension | SpeedTec Receptacle | SpeedTec Receptacle angled, rotatable |
|---|---|--|----------------------|----------------------|--|-----------------------|---------------------------------------|
| 6 (5+PE)  | M | TE | | | BKA186N00xx0100000 | BEA116N0000yyyy000 | BGA106N0000yyyy000 |
| | | IC | | | BKUA186NN00xx0100000 | BEGA116NN0000010100 | BEDA106NN00000100000 |
| | F | TE | BSA085N00xx0235000 | BSA085N00xx0100000 | | | |
| | | IC | BSTA085NN00xx0235000 | BSTA085NN00xx0100000 | | | |
| 8 (3+PE+4)  | M | TE | | | BKA199N00xx0100000 | BEA120N0000yyyy00 | BGA110N0000yyyy000 |
| | | IC | | | BKUA199NN00xx0100000 | BEGA120NN00000yyyy00 | BEDA110NN00000yyyy000 |
| | F | TE | BSA078N00xx0235000 | BSA078N00xx0100000 | | | |
| | | IC | BSTA078NN00xx0235000 | BSTA078NN00xx0100000 | | | |
| 9 (3+PE+5)  | M | TE | | | BKA145N00xx0100000 | BEA144N0000yyyy00 | BGA091N0000yyyy000 |
| | | IC | | | BKUA145NN00xx0100000 | BEGA144NN00000yyyy00 | BEDA091NN00000yyyy000 |
| | F | TE | BSA082N00xx0235000 | BSA082N00xx0100000 | | | |
| | | IC | BSTA082NN00xx0235000 | BSTA082NN00xx0100000 | | | |
| 9B (3+PE+5)  | M | TE | | | BKA201N00xx0100000 | | |
| | | IC | | | BKUA201NN00xx0100000 | | |
| | F | TE | BSA200N00xx0235000 | BSA200N00xx0100000 | | | |
| | | IC | BSTA200NN00xx0235000 | BSTA200NN00xx0100000 | | | |
| 1 singletec  | M | TE | PSA002N00xx0001000 | | PKA002N00xx0001000 | PEA002N00000001000 | |
| | | IC | SSTA002NN00xx0001000 | | SKUA002NN00xx0001000 | SEGA002NN00000001000 | |
| | F | TE | PSA001N00xx0001000 | | PKA001N00xx0001000 | PEA001N000000001000 | |
| | | IC | SSTA001NN00xx0001000 | | SKUA001NN00xx0001000 | SEGA001NN000000001000 | |
| TECHNICAL DATA | | Housing: zinc diecast and brass, nickel-plated Insulation insert: PA/PBT, UL 94-V0 Contacts: brass gold plated Sealing: FPM Clamp ring: brass, nickel-plated | | | Current: 30 A (6, 8, 9 pin), 200 A (1 pin) Voltage: 630 V Protection type : IP 66/67 connected Mating Cycles: 500 Temperature range: -20 °C to 130 °C Shielding: EMC 360 ° shielded housing | | |

Note: M = Male, F = Female

XX = 43: cable dia. 4.2 - 6.6 mm, 48: cable dia. 7.5 - 12.0 mm, 42: cable dia. 9.5 - 14.5 mm, 59: cable dia. 14.0 - 17.0 mm

BEGA-type yyyy = 0100: flange size 25.7 x 25.7 mm, 0101: flange size 28.0 x 28.0 mm
BEDC-type yyyy = 1116: flange size 25.7 x 25.7 mm, 1100: flange size 28.0 x 28.0 mm

MAIN DIMENSIONS, HOUSING VARIANTS



AUTOMATION OPTIONS

- Contacts on reel and processing with strip-crimping machine on request
- Power crimping of turned contacts on request



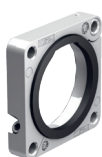
Power crimping machine



Strip-crimping machine

| CONTACT PN | CRIMPING RANGE mm ² | CONTACT FEATURE/ CONTACT DIAMETER mm | CRIMP TOOL PN | INSULATION INSERT | | | | | | | | | | | | |
|------------------------------------|--------------------------------|---|-----------------|-------------------|-----|---------|-----|-----|---------|---------|-----|-------------|-----|-----|--|----|
| | | | | 085 | 186 | 116 106 | 078 | 199 | 120 110 | 082 200 | 201 | 144 145 091 | 001 | 002 | | |
| TE 60-0254-011-000 IC 60.254.11 | 0.35 - 2.5 | tension spring / 2 | CO-0236-000-000 | 6x | | | 4x | | | 4x | | | | | | |
| CO.236.00 | | | | | | | | | | | | | | | | |
| TE 60-0302-011-000 IC 60.302.11 | 2.5 - 4 | tension spring / 2 | CO-0236-000-000 | 6x | | | 4x | | | 4x | | | | | | |
| CO.236.00 | | | | | | | | | | | | | | | | |
| TE 61-0021-011-000 IC 61.021.11 | 0.35 - 2.5 | pin extension / 2 | CO-0236-000-000 | | 6x | | 4x | | | 4x | | | | | | |
| CO.236.00 | | | | | | | | | | | | | | | | |
| TE 61-0027-011-000 IC 61.027.11 | 2.5 - 4 | pin extension / 2 | CO-0236-000-000 | | 6x | | 4x | | | 4x | | | | | | |
| CO.236.00 | | | | | | | | | | | | | | | | |
| TE 61-0194-011-000 IC 61.194.11 | 0.1 - 0.5 | pin receptacle / 2 | CO-0236-000-000 | | | 6x | | 4x | | 4x | | | | | | |
| CO.236.00 | | | | | | | | | | | | | | | | |
| TE 61-0193-011-000 IC 61.193.11 | 0.35 - 2.5 | pin receptacle / 2 | CO-0236-000-000 | | | 6x | | 4x | | 4x | | | | | | |
| CO.236.00 | | | | | | | | | | | | | | | | |
| TE 60-0011-011-000 IC 60.011.11 | 0.14 - 1.0 | slotted / 1 | CO-0236-000-000 | | | | 4x | | 5x | | | | | | | |
| CO.236.00 | | | | | | | | | | | | | | | | |
| TE 60-0216-011-000 IC 60.216.11 | 0.5 - 1.5 | slotted / 1 | CO-0236-000-000 | | | | 4x | | 5x | | | | | | | |
| CO.236.00 | | | | | | | | | | | | | | | | |
| TE 61-0020-011-000 IC 61.020.11 | 0.14 - 1.0 | pin extension / 1 | CO-0236-000-000 | | | | 4x | | 5x | | | | | | | |
| CO.236.00 | | | | | | | | | | | | | | | | |
| TE 61-0189-011-000 IC 61.189.11 | 0.5 - 1.5 | pin extension / 1 | CO-0236-000-000 | | | | 4x | | 5x | | | | | | | |
| CO.236.00 | | | | | | | | | | | | | | | | |
| TE 61-0083-011-000 IC 61.083.11 | 0.03 - 0.34 | pin receptacle / 1 | CO-0235-000-000 | | | | | 4x | | 5x | | | | | | |
| CO.235.00 | | | | | | | | | | | | | | | | |
| TE 61-0004-011-000 IC 61.004.11 | 0.14 - 1.0 | pin receptacle / 1 | CO-0236-000-000 | | | | | 4x | | 5x | | | | | | |
| CO.236.00 | | | | | | | | | | | | | | | | |
| TE 60-0185-023-000 IC 60.185.23 | 10 | socket lamella / 8 | CO-0207-000-000 | | | | | | | | | | | | | 1x |
| CO.207.00 | | | | | | | | | | | | | | | | |
| TE 60-0195-023-000 IC 60.195.23 | 16 | socket lamella / 8 | CO-0207-000-000 | | | | | | | | | | | | | 1x |
| CO.207.00 | | | | | | | | | | | | | | | | |
| TE 60-0194-023-000 IC 60.194.23 | 25 | socket lamella / 8 | CO-0207-000-000 | | | | | | | | | | | | | 1x |
| CO.207.00 | | | | | | | | | | | | | | | | |
| TE 60-0193-023-000 IC 60.193.23 | 35 | socket lamella / 8 | CO-0207-000-000 | | | | | | | | | | | | | 1x |
| CO.207.00 | | | | | | | | | | | | | | | | |
| TE 60-0192-023-000 IC 60.192.23 | 50 | socket lamella / 8 | CO-0207-000-000 | | | | | | | | | | | | | 1x |
| CO.207.00 | | | | | | | | | | | | | | | | |
| TE 61-0164-023-000 IC 61.164.23 | 10 | pin / 8 | CO-0207-000-000 | | | | | | | | | | | | | 1x |
| CO.207.00 | | | | | | | | | | | | | | | | |
| TE 61-0163-023-000 IC 61.163.23 | 16 | pin / 8 | CO-0207-000-000 | | | | | | | | | | | | | 1x |
| CO.207.00 | | | | | | | | | | | | | | | | |
| TE 61-0159-023-000 IC 61.159.23 | 25 | pin / 8 | CO-0207-000-000 | | | | | | | | | | | | | 1x |
| CO.207.00 | | | | | | | | | | | | | | | | |
| TE 61-0161-023-000 IC 61.161.23 | 35 | pin / 8 | CO-0207-000-000 | | | | | | | | | | | | | 1x |
| CO.207.00 | | | | | | | | | | | | | | | | |
| TE 61-0162-023-000 IC 61.162.23 | 50 | pin / 8 | CO-0207-000-000 | | | | | | | | | | | | | 1x |
| CO.207.00 | | | | | | | | | | | | | | | | |

ACCESSORIES



Metal flange, hinged
TE: E0-0222-002-000
IC: E0.222.00



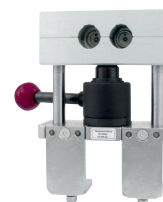
Plastic protection cap
TE: 8B-0070-000-000
IC: 8B.070.00



Plastic protection cap
TE: 8B-0071-000-000
IC: 8B.071.00



Assembly tool for coupling nut
TE: C8-0004-000-000
IC: C8.004.00











Fixture
TE: VB-0005-000-000
IC: VB.005.00



Adjusting lever
TE: C6-0019-000-000
IC: C6.019.00

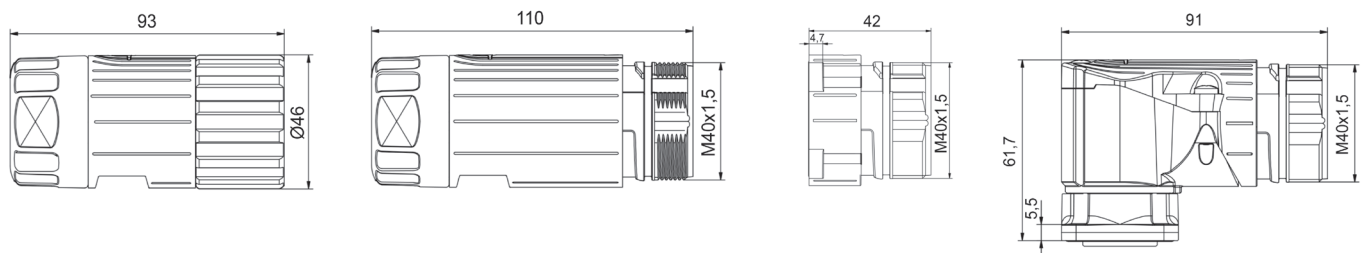
940

| Pin Number | | |  |  |  |  |  |
|---|---|--|---|---|--|---|---|
| | | | Screw plug | SpeedTec Plug | SpeedTec Extension | SpeedTec Receptacle | SpeedTec Receptacle angled, rotatable |
| 6 (3+PE+2)  | M | TE | | | CKA267N00xx0026000 | CEA270N000000030000 | CGE270N000000020000 |
| | | IC | | | CKUA267NN00xx0026000 | CEGA270NN000000030000 | CEDE270NN000000020000 |
| | F | TE | CSA263N00xx0001000 | CSA263N00xx0020000 | | | |
| | | IC | CSTA263NN00xx0001000 | CSTA263NN00xx0020000 | | | |
| 8 (3+PE+4)  | M | TE | | | CKA268N00xx0026000 | CEA271N000000030000 | CGE271N000000020000 |
| | | IC | | | CKUA268NN00xx0026000 | CEGA271NN000000030000 | CEDE271NN000000020000 |
| | F | TE | CSA264N00xx0001000 | CSA264N00xx0020000 | | | |
| | | IC | CSTA264NN00xx0001000 | CSTA264NN00xx0020000 | | | |
| 9 (3+PE+5)  | M | TE | | | CKA269N00xx0026000 | CEA272N000000030000 | CGE272N000000020000 |
| | | IC | | | CKUA269NN00xx0026000 | CEGA272NN000000030000 | CEDE272NN000000020000 |
| | F | TE | CSA265N00xx0001000 | CSA265N00xx0020000 | | | |
| | | IC | CSTA265NN00xx0001000 | CSTA265NN00xx0020000 | | | |
| TECHNICAL DATA | | Housing: zinc diecast and brass, nickel-plated Insulation insert: PA, UL 94-V0 Contacts: brass gold plated Sealing: FPM Clamp ring: brass, nickel-plated | | | Current: 75 A / 30 A Voltage: 750 V / 250 V Protection type : IP 66/67 connected Mating Cycles: 500 Temperature range: -20 °C to 130 °C Shielding: EMC 360 ° shielded housing | | |

Note: M = Male, F = Female

XX = 03: cable dia. 7.0 - 9.0 mm, 44: cable dia. 9.0 - 16.0 mm, 45: cable dia. 16.5 - 25.0 mm

MAIN DIMENSIONS, HOUSING VARIANTS



940

| CONTACT PN | CRIMPING RANGE mm ² | CONTACT FEATURE/ CONTACT DIAMETER mm | CRIMP TOOL PN | LOCATOR | INSULATION INSERT | | | | | | | | | |
|--------------------|--------------------------------|---|-----------------|-----------------|-------------------|---------|---------|---------|---------|---------|---------|---------|---------|--|
| | | | | | 263 6-F | 264 8-F | 265 9-F | 267 6-M | 268 8-M | 269 9-M | 270 6-M | 271 8-M | 272 9-M | |
| TE 60-0254-011-000 | 0.35 - 2.5 | tension spring / 2 | CO-0201-000-000 | CO-0004-000-000 | 2x | 4x | 5x | | | | | | | |
| IC 60.254.11 | | | CO-0201-000-000 | CO.004.00 | | | | | | | | | | |
| TE 60-0302-011-000 | 2.5 - 4 | tension spring / 2 | CO-0201-000-000 | CO-0004-000-000 | 2x | 4x | 5x | | | | | | | |
| IC 60.302.11 | | | CO-0201-000-000 | CO.004.00 | | | | | | | | | | |
| TE 60-0225-011-000 | 1.5 - 10.0 | tension spring 3.6 | CO-0008-000-000 | CO-0010-000-000 | 4x | 4x | 4x | | | | | | | |
| IC 60.225.11 | | | CO.008.00 | CO.010.00 | | | | | | | | | | |
| TE 60-0227-011-000 | 6.0 - 16.0 | tension spring 3.6 | CO-0008-000-000 | CO-0010-000-000 | 4x | 4x | 4x | | | | | | | |
| IC 60.227.11 | | | CO.008.00 | CO.010.00 | | | | | | | | | | |
| TE 61-0098-011-000 | 0.1 - 0.5 | pin extension / 2 | CO-0201-000-000 | CO-0009-000-000 | | | | 2x | 4x | 5x | | | | |
| IC 61.098.11 | | | CO.201.00 | CO.009.00 | | | | | | | | | | |
| TE 61-0107-011-000 | 0.35 - 2.5 | pin extension / 2 | CO-0201-000-000 | CO-0009-000-000 | | | | 2x | 4x | 5x | | | | |
| IC 61.107.11 | | | CO.201.00 | CO.009.00 | | | | | | | | | | |
| TE 61-0039-011-000 | 1.5 - 10.0 | pin extension / 3.6 | CO-0008-000-000 | CO-0010-000-000 | | | | 4x | 4x | 4x | | | | |
| IC 61.039.11 | | | CO.008.00 | CO.010.00 | | | | | | | | | | |
| TE 61-0040-011-000 | 6.0 - 16.0 | pin extension / 3.6 | CO-0008-000-000 | CO-0010-000-000 | | | | 4x | 4x | 4x | | | | |
| IC 61.040.11 | | | CO.008.00 | CO.010.00 | | | | | | | | | | |
| TE 61-0198-011-000 | 0.1 - 0.5 | pin recept. / 2 | CO-0201-000-000 | CO-0009-000-000 | | | | | | | 2x | 4x | 5x | |
| IC 61.198.11 | | | CO.201.00 | CO.009.00 | | | | | | | | | | |
| TE 61-0197-011-000 | 0.35 - 2.5 | pin recept. / 2 | CO-0201-000-000 | CO-0009-000-000 | | | | | | | 2x | 4x | 5x | |
| IC 61.197.11 | | | CO.201.00 | CO.009.00 | | | | | | | | | | |
| TE 61-0196-011-000 | 1.5 - 4.0 | pin recept. / 3.6 | CO-0008-000-000 | CO-0247-000-000 | | | | | | | 4x | 4x | 4x | |
| IC 61.196.11 | | | CO.008.00 | CO.247.00 | | | | | | | | | | |
| TE 61-0195-011-000 | 6.0 - 10.0 | pin recept. / 3.6 | CO-0008-000-000 | CO-0247-000-000 | | | | | | | 4x | 4x | 4x | |
| IC 61.195.11 | | | CO.008.00 | CO.247.00 | | | | | | | | | | |
| TE 61-0312-011-000 | 3.3 - 6.0 | pin recept. / 3.6 | CO-0008-000-000 | CO-0247-000-000 | | | | | | | 4x | 4x | 4x | |
| IC 61.312.11 | | | CO.008.00 | CO.247.00 | | | | | | | | | | |

ACCESSORIES



Plastic protection cap
TE: 8A-0004-000-000
IC: 8A.004.00



Metal flange, hinged
TE: E0-0058-002-000
IC: E0.058.02



Metal protection cap
TE: 8B-0018-001-000
IC: 8B.018.01



Metal protection cap
TE: 8B-0022-001-000
IC: 8B.022.01

ASSEMBLY TOOLS



Fitting tool
TE: C5-0018-000-000
IC: C5.018.00



Fixture
TE: VC-0004-000-000
IC: VC.004.00

AUTOMATION OPTIONS



Digital battery crimp tool
TE: CO-0313-000-000
IC: CO.313.00



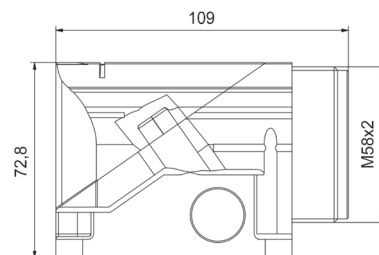
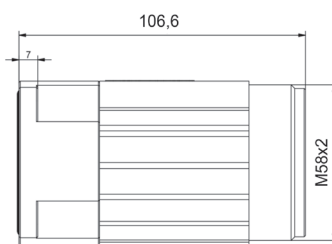
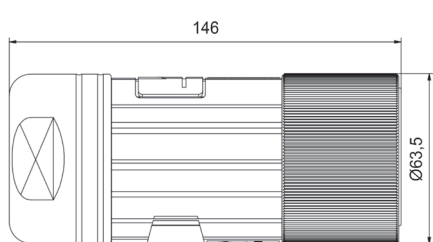
Power crimping machine

958

| Pin Number | | |  |  |  |  |
|--|---|----|---|---|--|---|
| | | | Screw plug | Extension | Receptacle | Receptacle, angled |
| 8 (4+4)  | M | TE | | DKA002N00740001000 | DEA003N00000001000 | DFC611T03000001000 |
| | | IC | | DKUA002NN00740001000 | DEGA003NN00000001000 | DEWC611MT03000001000 |
| | F | TE | DSA001N00740001000 | | | |
| | | IC | DSTA001NN00740001000 | | | |
| TECHNICAL DATA | | | Housing:..... zinc diecast and brass, nickel-plated Insulation insert: PA / PBT, UL 94-V0 Contacts:..... brass silver / gold plated Sealing:..... FPM Clamp rage: 17.0 - 36.0 mm Clamp ring:..... aluminium, nickel-plated | | Current: 150 A / 12 A Voltage:..... 630 V / 250 V Protection type:..... IP 66/67 connected Mating Cycles:..... 500 Temperature range: -20 °C to 130 °C Shielding:..... EMC 360 ° shielded housing | |

Note: M = Male, F = Female

MAIN DIMENSIONS, HOUSING VARIANTS



| CONTACT PN | | CRIMPING RANGE mm ² | CONTACT FEATURE/ CONTACT DIAMETER mm | CRIMP TOOL PN | LOCATOR / CRIMPING INSERT | INSULATION INSERT | | | |
|------------|-----------------|--------------------------------|---|-----------------|---------------------------|-------------------|---------|---------|-------------|
| | | | | | | 001 8-F | 002 8-M | 003 8-M | 611MT03 8-M |
| TE | 60-0101-023-000 | 10 | lamella/10 | CO-0207-000-000 | CO-0211-000-000 | 4x | | | |
| IC | 60.101.23 | | | CO.207.00 | CO.211.00 | | | | |
| TE | 60-0102-023-000 | 16 | lamella/10 | CO-0207-000-000 | CO-0211-000-000 | 4x | | | |
| IC | 60.102.23 | | | CO.207.00 | CO.211.00 | | | | |
| TE | 60-0103-023-000 | 25 | lamella/10 | CO-0207-000-000 | CO-0210-000-000 | 4x | | | |
| IC | 60.103.23 | | | CO.207.00 | CO.210.00 | | | | |
| TE | 60-0104-023-000 | 35 | lamella/10 | CO-0207-000-000 | CO-0209-000-000 | 4x | | | |
| IC | 60.104.23 | | | CO.207.00 | CO.209.00 | | | | |
| TE | 60-0105-023-000 | 50 | lamella/10 | CO-0207-000-000 | CO-0208-000-000 | 4x | | | |
| IC | 60.105.23 | | | CO.207.00 | CO.208.00 | | | | |
| TE | 60-0106-011-000 | 0,35 - 1,5 | slotted socket /1,6 | CO-0201-000-000 | CO-0092-000-000 | 4x | | | |
| IC | 60.106.11 | | | CO.201.00 | CO.092.00 | | | | |
| TE | 61-0112-023-000 | 10 | contact pin/10 | CO-0207-000-000 | CO-0211-000-000 | | 4x | 4x | |
| IC | 61.112.23 | | | CO.207.00 | CO.211.00 | | | | |
| TE | 61-0113-023-000 | 16 | contact pin/10 | CO-0207-000-000 | CO-0211-000-000 | | 4x | 4x | |
| IC | 61.113.23 | | | CO.207.00 | CO.211.00 | | | | |
| TE | 61-0114-023-000 | 25 | contact pin/10 | CO-0207-000-000 | CO-0210-000-000 | | 4x | 4x | |
| IC | 61.114.23 | | | CO.207.00 | CO.210.00 | | | | |
| TE | 61-0115-023-000 | 35 | contact pin/10 | CO-0207-000-000 | CO-0209-000-000 | | 4x | 4x | |
| IC | 61.115.23 | | | CO.207.00 | CO.209.00 | | | | |
| TE | 61-0116-023-000 | 50 | contact pin/10 | CO-0207-000-000 | CO-0208-000-000 | | 4x | 4x | |
| IC | 61.116.23 | | | CO.207.00 | CO.208.00 | | | | |
| TE | 61-0117-011-000 | 0,35 - 1,5 | contact pin/1,6 | CO-0201-000-000 | CO-0093-000-000 | | 4x | 4x | |
| IC | 61.117.11 | | | CO.201.00 | CO.093.00 | | | | |
| TE | 61-0142-011-000 | 0,1 - 0,5 | contact pin/1,6 | CO-0201-000-000 | CO-0094-000-000 | | | | 4x |
| IC | 61.142.11 | | | CO.201.00 | CO.094.00 | | | | |

ACCESSORIES



Plastic protection cap
TE: 8A-0011-000-000
IC: 8A.011.00



Metal flange, hinged
TE: E0-0189-002-000
IC: E0.189.02



Fixture
TE: VD-0006-000-000
IC: VD.006.00



Removing tool for contact pins
TE: C4-0005-000-000
IC: C4.005.00



Sleeve for removing tool
TE: C4-0008-000-000
IC: C4.008.00

ASSEMBLY TOOLS

615

| | | | | | | | |
|-----------------------|---|---|-----------------------|------------------------|--|--|----------------------|
| | | | | | | | |
| Pin Number | | ytec and itec Self-locking system | itec Extension | itec Receptacle | itec Receptacle angled, rotatable | ytec Receptacle double, rotatable | |
| 12 | M | TE | ESB001N00xx0001000 | EKB001N00xx0001000 | EEA001N0000yyyy000 | EGA001N00000600000 | EGA101N0000yyyy000 |
| | | IC | ESTB001NN00xx0001000 | EKB001NN00xx0001000 | EEGA001NN0000yyyy000 | EEDA001NN00000600000 | EEDA101NN0000yyyy000 |
| | F | TE | ESB002N00xx0001000 | EKB002N00xx0001000 | EEA002N0000yyyy000 | EGA002N00000600000 | EGA105N0000yyyy000 |
| | | IC | ESTB002NN00xx0001000 | EKB002NN00xx0001000 | EEGA001NN0000yyyy000 | EEDA002NN00000600000 | EEDA105NN0000yyyy000 |
| TECHNICAL DATA | | Housing:.....zinc diecast, nickel-plated, plastic coated Insulation insert:.....PA/PBT, UL 94-V0 Sealing:.....FPM Clamp ring:.....brass, nickel-plated Current:.....5 A | | | Voltage:.....63 V Protection type:.....IP 66/67 connected Mating Cycles:.....500 Temperature range:.....-20 °C to 130 °C Shielding:.....EMC 360 ° shielded housing | | |

Note: M = Male, F = Female

xx = 31: cable dia. 4.5 - 6.5 mm, 32: cable dia. 6.5 - 8.5 mm,
xx = 33: cable dia. 8.5 - 10.5 mm, 34: cable dia. 10.5 - 12.0 mm

yyyy receptacle = 0001: flange size 21.6 x 21.6 mm, 0002: flange size 25.7 x 25.7 mm
yyyy double receptacle = 0001: flange size 25.8 x 25.8 mm, 0002: flange size 28.0 x 28.0 mm

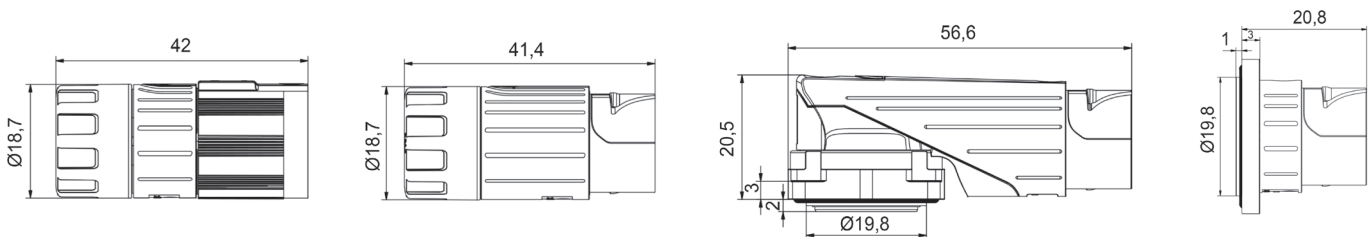
| CONTACT PN | CRIMPING RANGE mm ² | CONTACT FEATURE/ CONTACT DIAMETER mm | CRIMP TOOL PN | INSULATION INSERT | | | |
|--------------------|--------------------------------|--------------------------------------|-----------------|-------------------|----------|------------|------------|
| | | | | 001 12-M | 002 12-F | 101 12+9-M | 105 12+9-F |
| TE 60-0251-011-000 | 0.5 - 1.5 | Slotted power /1 | CO-0235-000-000 | | | | 4x |
| IC 60.251.11 | | | CO.235.00 | | | | |
| TE 60-0252-011-000 | 0.05 - 0.75 | Female Signal /1 | CO-0235-000-000 | | 12x | | 17x |
| IC 60.252.11 | | | CO.235.00 | | | | |
| TE 60-0265-011-000 | 0.05 - 0.75 | Slotted power /1 | CO-0235-000-000 | | | | 4x |
| IC 60.265.11 | | | CO.235.00 | | | | |
| TE 61-0231-011-000 | 0.5 - 1.5 | Pin power /1 | CO-0235-000-000 | | | 4x | |
| IC 61.231.11 | | | CO.235.00 | | | | |
| TE 61-0232-011-000 | 0.05 - 0.75 | Pin Signal /1 | CO-0235-000-000 | 12x | | 17x | |
| IC 61.232.11 | | | CO.235.00 | | | | |
| TE 61-0139-011-000 | 0.05 - 0.75 | Pin power /1 | CO-0235-000-000 | | | 4x | |
| IC 61.139.11 | | | CO.235.00 | | | | |

ACCESSORIES



Plastic protection cap
TE: 8A-0033-000-000
IC: 8A.033.00






MAIN DIMENSIONS, HOUSING VARIANTS



NOTES



617

| Pin Number | | |  |  |  |  |  |
|----------------|---|--|---|---|---|---|---|
| | | | Screw plug | SpeedTec Plug | SpeedTec Extension | SpeedTec Receptacle | SpeedTec Receptacle angled, rotatable |
| 12 | M | TE | | | AKA047N00xx051A000 | AKA047N0000050A000 | AGC047N0000yyyy000 |
| | | IC | | | AKUA047NN00xx051A000 | AKUA047NN0000050A000 | AGDC047NN0000yyyy000 |
| | F | TE | | ASA046N00xx050A000 | | | |
| | | IC | | ASTA046NN00xx050A000 | | | |
| 17 | M | TE | ASA874N00xx200A000 | ASA874N00xx050A000 | AKA874N00xx051A000 | AEA874N0000050A000 | AGC874N0000yyyy000 |
| | | IC | ASTA874NN00xx200A000 | ASTA874NN00xx050A000 | AKUA874NN00xx051A000 | AEGA874NN0000050A000 | AEDC874NN000yyyy000 |
| | F | TE | ASA876N00xx200A000 | ASA876N00xx050A000 | AKA876N00xx051A000 | AEA876N0000050A000 | AGC876N0000yyyy000 |
| | | IC | ASTA876NN00xx200A000 | ASTA876NN00xx050A000 | AKUA876NN00xx051A000 | AEGA876NN0000050A000 | AEDC876NN000yyyy000 |
| TECHNICAL DATA | | Housing: zinc diecast and brass, nickel-plated Insulation insert:PA / PBT, UL 94-V0 Contacts:brass gold plated Sealing:FPM Clamp ring:brass, nickel-plated Current:7 A (12), 3.6 A (17) | | | Voltage:32 V (12), 63 V (17) Protection type:IP 66/67 connected Mating Cycles:500 Temperature range: ...-20 °C to 130 °C Shielding:EMC 360 ° shielded housing | | |

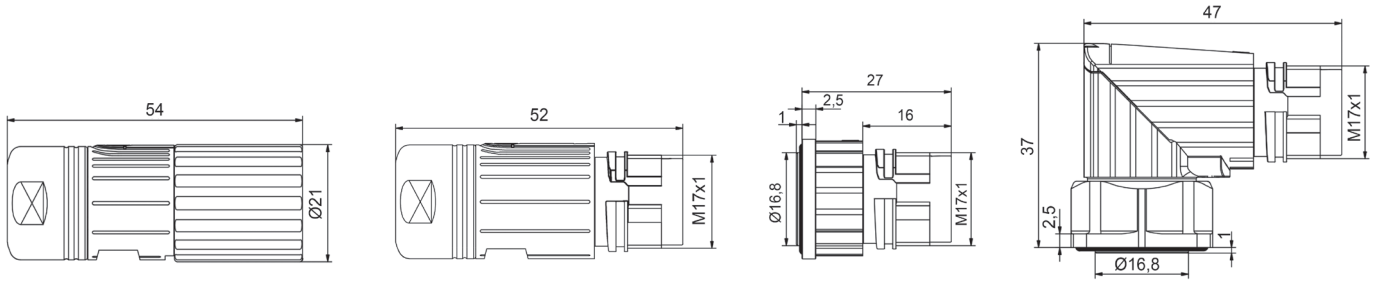
Note: M = Male, F = Female

xx = 87: Crown clamp cable dia. 3.5 - 6.0 mm, 85: Crown clamp cable dia. 6.0 - 9.5 mm, 86: Crown clamp cable dia. 9.5 - 12.0 mm
 yyyy receptacle angled = 050A: flange size 21.6 x 21.6 mm, 051A: flange size 25.7 x 25.7mm, 052A: flange size 28.0 x 28.0 mm

| CONTACT PN | CRIMPING RANGE mm ² | CONTACT FEATURE/ CONTACT DIAMETER mm | CRIMP TOOL PN | INSULATION INSERT | | | |
|--------------------|--------------------------------|--------------------------------------|-----------------|-------------------|----------|------------|----------|
| | | | | 876 17-F | 874 17-M | 046 12-F/M | 047 17-F |
| TE 60-0001-011-000 | 0.06 - 1.0 | wire spring /1 | CO-0235-000-000 | | | 12x | 12x |
| IC 60.001.11 | | | CO.235.00 | | | | |
| TE 60-0011-011-000 | 0.06 - 1.0 | slotted /1 | CO-0235-000-000 | | | 12x | 12x |
| IC 60.011.11 | | | CO.235.00 | | | | |
| TE 60-0172-011-000 | 0.03 - 0.34 | slotted /1 | CO-0235-000-000 | | | 12x | 12x |
| IC 60.172.11 | | | CO.235.00 | | | | |
| TE 60-0205-011-000 | 0.05 - 0.5 | slotted /0.6 | CO-0235-000-000 | 17x | | | |
| IC 60.205.11 | | | CO.235.00 | | | | |
| TE 61-0004-011-000 | 0.06 - 1.0 | slotted /1 | CO-0235-000-000 | | | 12x | 12x |
| IC 61.004.11 | | | CO.235.00 | | | | |
| TE 61-0083-011-000 | 0.03 - 0.34 | slotted /1 | CO-0235-000-000 | | | 12x | 12x |
| IC 61.083.11 | | | CO.235.00 | | | | |
| TE 61-0178-011-000 | 0.05 - 0.5 | pin /0.6 | CO-0235-000-000 | | 17x | | |
| IC 61.178.11 | | | CO.235.00 | | | | |

SIGNAL CONNECTORS

MAIN DIMENSIONS, HOUSING VARIANTS



ACCESSORIES



Plastic protection cap
TE: 8A-0029-000-000
IC: 8A.029.00



Metal flange, hinged
TE: E0-0194-002-000
IC: E0.194.02



Metal protection cap
TE: 8B-0048-0001-000
IC: 8B.048.01



Metal protection cap
TE: 8B-0067-001-000
IC: 8B.067.01

ASSEMBLY TOOLS



Fixture
TE: WA-0100-092-000
IC: WA10092



Fitting tool for insulator
TE: C6-0107-000-000
IC: C6.107.00



Removing tool for insulator
TE: C4-0022-000-000
IC: C4.022.00

AUTOMATION OPTIONS

- Contacts on reel and processing with strip-crimping machine on request
- Power crimping of turned contacts on request



Strip-crimping machine



Power crimping machine

623

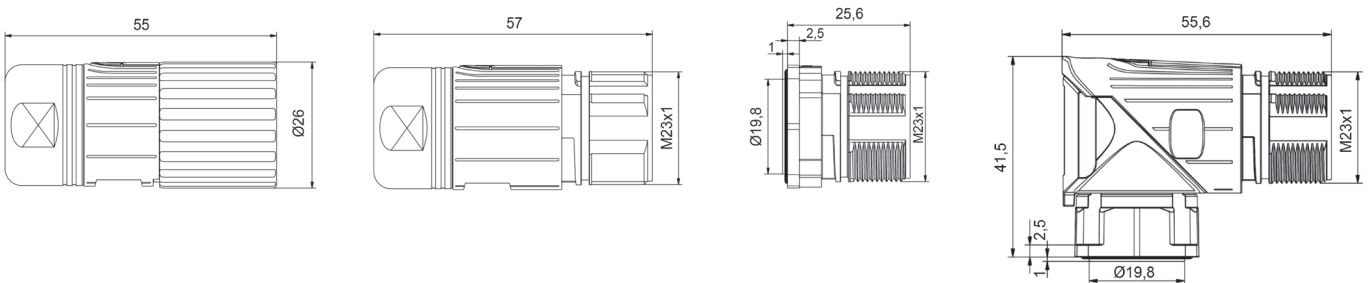
| Pin Number | | | Screw plug | SpeedTec Plug | SpeedTec Extension | SpeedTec Receptacle | SpeedTec Receptacle angled, rotatable | |
|----------------|---|----|---|----------------------|----------------------|---|---------------------------------------|--|
| 9 | M | TE | ASA054N00xx0235000 | ASA054N00xx0100000 | AKA054N00xx0100000 | AEA066N0000yyyy000 | AGC066N0000yyyy000 | |
| | | IC | ASTA054NN00xx0235000 | ASTA054NN00xx0100000 | AKUA054NN00xx0100000 | AEGA066NN0000yyyy000 | AEDC066NN0000yyyy000 | |
| | F | TE | ASA055N00xx0235000 | ASA055N00xx0100000 | AKA055N00xx0100000 | AEA583N0000yyyy000 | AGC583N0000yyyy000 | |
| | | IC | ASTA055NN00xx0235000 | ASTA055NN00xx0100000 | AKUA055NN00xx0100000 | AEGA583NN0000yyyy000 | AEDC583NN0000yyyy000 | |
| 12 | M | TE | ASA013N00xx0235000 | ASA013N00xx0100000 | AKA013N00xx0100000 | AEA175N0000yyyy000 | AGC175N0000yyyy000 | |
| | | IC | ASTA013NN00xx0235000 | ASTA013NN00xx0100000 | AKUA013NN00xx0100000 | AEGA175NN0000yyyy000 | AEDC175NN0000yyyy000 | |
| | F | TE | ASA012N00xx0235000 | ASA012N00xx0100000 | AKA012N00xx0100000 | AEA110N0000yyyy000 | AGC110N0000yyyy000 | |
| | | IC | ASTA012NN00xx0235000 | ASTA012NN00xx0100000 | AKUA012NN00xx0100000 | AEGA110NN0000yyyy000 | AEDC110NN0000yyyy000 | |
| 17 | M | TE | ASA015N00xx0235000 | ASA015N00xx0100000 | AKA015N00xx0100000 | AEA139N0000yyyy000 | AGC139N0000yyyy000 | |
| | | IC | ASTA015NN00xx0235000 | ASTA015NN00xx0100000 | AKUA015NN00xx0100000 | AEGA139NN0000yyyy000 | AEDC139NN0000yyyy000 | |
| | F | TE | ASA014N00xx0235000 | ASA014N00xx0100000 | AKA014N00xx0100000 | AEA577N0000yyyy000 | AGC577N0000yyyy000 | |
| | | IC | ASTA014NN00xx0235000 | ASTA014NN00xx0100000 | AKUA014NN00xx0100000 | AEGA577NN0000yyyy000 | AEDC577NN0000yyyy000 | |
| 19 (16+3) | M | TE | ASA559N00xx0235000 | ASA559N00xx0100000 | AKA559N00xx0100000 | AEA560N0000yyyy000 | AGC560N0000yyyy000 | |
| | | IC | ASTA559NN00xx0235000 | ASTA559NN00xx0100000 | AKUA559NN00xx0100000 | AEGA560NN0000yyyy000 | AEDC560NN0000yyyy000 | |
| | F | TE | ASA558N00xx0235000 | ASA558N00xx0100000 | AKA558N00xx0100000 | AEA561N0000yyyy000 | AGC561N0000yyyy000 | |
| | | IC | ASTA558NN00xx0235000 | ASTA558NN00xx0100000 | AKUA558NN00xx0100000 | AEGA561NN0000yyyy000 | AEDC561NN0000yyyy000 | |
| TECHNICAL DATA | | | Housing: zinc diecast and brass, nickel-plated Insulation insert: PBT, UL 94-V0 Contacts: brass gold plated Sealing: FPM Clamp ring: brass, nickel-plated Current: 10 A (9 pin) 7 A (12, 17, 19 pin) | | | Voltage: 63 V (19 pin) 125 V (17 pin) 160 V (9, 12 pin) Protection type : IP 66/67 connected Mating Cycles: 500 Temperature range : -20 °C to 130 °C Shielding: EMC 360 ° shielded housing | | |

Note: M = Male, F = Female

xx = 39: cable dia. 4.5 - 8.5 mm, 41: cable dia. 6.0 - 10.0 mm, 40: cable dia. 9.5 - 13.2 mm, 73: cable dia. 9.0 - 14.7 mm

AEGA-type yyyy = 0101 flange size 25.7 x 25.7 mm, 0100: flange size 28.0 x 28.0 mm
 AEGA-type yyyy = 0115 flange size 25.7 x 25.7 mm, 1100: flange size 28.0 x 28.0 mm

MAIN DIMENSIONS, HOUSING VARIANTS



623

| CONTACT PN | CRIMPING RANGE mm ² | CONTACT FEATURE/ CONTACT DIAMETER mm | CRIMP TOOL PN | INSULATION INSERT | | | | | | | |
|--------------------|--------------------------------|---|-----------------|-------------------|---------|---------|---------|---------|---------|---------|---------|
| | | | | 055 583 | 054 583 | 012 110 | 013 175 | 014 577 | 015 139 | 558 561 | 559 560 |
| TE 60-0001-011-000 | 0.14-1.0 | wire spring/1 | CO-0235-000-000 | 9x | 9x | 12x | 12x | 17x | 17x | 16x | 16x |
| IC 60.001.11 | | | CO.235.00 | | | | | | | | |
| TE 60-0011.011-000 | 0.14-1.0 | slotted/1 | CO-0235-000-000 | 9x | 9x | 12x | 12x | 17x | 17x | 16x | 16x |
| IC 60.011.11 | | | CO.235.00 | | | | | | | | |
| TE 60-0013-011-000 | -1.5 | Slotted solder/1 | | 9x | 9x | 12x | 12x | 17x | 17x | 16x | 16x |
| IC 60.013.11 | | | | | | | | | | | |
| TE 60-0070-011-000 | 0.14-1.0 | Slotted/1,5 | CO-0235-000-000 | | | | | | | 3x | 3x |
| IC 60.070.11 | | | CO.235.00 | | | | | | | | |
| TE 60-0173-011-000 | -1.5 | Slotted solder/1.5 | | | | | | | | 3x | 3x |
| IC 60.173.11 | | | | | | | | | | | |
| TE 60-0004-011-000 | 0.14-1.0 | Pin/1 | CO-0235-000-000 | 9x | 9x | 12x | 12x | 17x | 17x | 16x | 16x |
| IC 61.004.11 | | | CO.235.00 | | | | | | | | |
| TE 61-0006-011-000 | -1.5 | Pin solder/1 | | 9x | 9x | 12x | 12x | 17x | 17x | 16x | 16x |
| IC 61.006.11 | | | | | | | | | | | |
| TE 61-0072-011-000 | 0.14-1.0 | Pin/1.5 | CO-0235-000-000 | | | | | | | 3x | 3x |
| IC 61.072.11 | | | CO.235.00 | | | | | | | | |
| TE 61-0152-011-000 | -1.5 | Pin solder/1.5 | | | | | | | | 3x | 3x |
| IC 61.152.11 | | | | | | | | | | | |

ACCESSORIES



Metal flange, hinged
TE: E0-0223-002-000
IC: E0.223.02



Plastic flange, hinged
TE: E0-0117-000-000
IC: E0.117.00



Plastic protection cap
TE: 8B-0069-000-000
IC: 8B.069.00



Plastic protection cap
TE: 8B-0071-000-000
IC: 8B.071.00



Plastic protection cap
TE: 8A-0002-000-000
IC: 8A.002.00

ASSEMBLY TOOLS



Fitting tool for signal insulator
TE: C6-0111-000-000
IC: C6.111.00



Removing tool for signal insulator
TE: C4-0016-000-000
IC: C4.016.00



Fixture
TE: VA-0002-000-000
IC: VA.002.00

AUTOMATION OPTIONS

- Contacts on reel and processing with strip-crimping machine on request
- Power crimping of turned contacts on request








Strip-crimping machine



Power crimping machine

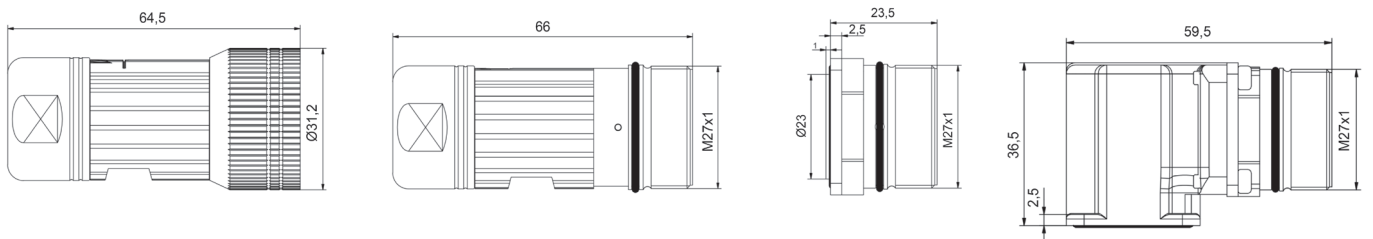
627

| Pin Number |  | |  | |  | |  | |
|---|---|------------|---|----------------------|--|--|---|--|
| | | Screw plug | Extension | Receptacle | Receptacle, angled | | | |
| 26  | M | TE | ASA385N00xx001K000 | AKA385N00xx035K000 | AEA385N0000002K000 | AFA385N0000001K000 | | |
| | | IC | ASTA385NN00xx001K000 | AKUA385NN00xx035K000 | AEGA385NN0000002K000 | AEWA385NN0000001K000 | | |
| | F | TE | ASA384N00xx001K000 | AKA384N00xx035K000 | AEA384N00000002K000 | AFA384N0000001K000 | | |
| | | IC | ASTA384NN00xx001K000 | AKUA384NN00xx035K000 | AEGA384NN0000002K000 | AEWA384NN0000001K000 | | |
| TECHNICAL DATA | | | Housing: zinc diecast and brass, nickel-plated Insulation insert: PBT, UL 94-V0 Contacts: brass gold plated Sealing: FPM Clamp ring: brass, nickel-plated Current: 9 A | | | Voltage: 60 V Protection type: IP 66/67 connected Mating Cycles: 500 Temperature range: -20 °C to 130 °C Shielding: EMC 360 ° shielded housing | | |

Note: M = Male, F = Female xx = 43: cable dia. 4.2 - 6.6 mm, 48: cable dia. 7.5 - 12.0 mm, 42: cable dia. 9.5 - 14.5 mm, 59: cable dia. 14.0 - 17.0 mm

| CONTACT PN | CRIMPING RANGE mm ² | CONTACT FEATURE/ CONTACT DIAMETER mm | CRIMP TOOL PN | INSULATION INSERT | |
|--------------------|--------------------------------|--------------------------------------|-----------------|--|---|
| | | | | 384 MATING VIEW | 385 MATING VIEW |
| TE 60-0001-011-000 | 0.06 - 1.0 | wire spring/1 | CO-0235-000-000 |  |  |
| IC 60.001.11 | | | CO.235.00 | | |
| TE 60-0011-011-000 | 0.06 - 1.0 | slotted/1 | CO-0235-000-000 | | |
| IC 60.011.11 | | | CO.235.00 | | |
| TE 60-0013-011-000 | -1.5 | slotted, solder/1 | | | |
| IC 60.013.11 | | | | | |
| TE 60-0172-011-000 | 0.03 - 0.34 | slotted/1 | CO-0235-000-000 | | |
| IC 60.172.11 | | | CO.235.00 | | |
| TE 61-0004-011-000 | 0.06 - 1.0 | pin/1 | CO-0235-000-000 | | |
| IC 61.004.11 | | | CO.235.00 | | |
| TE 61-0006-011-000 | -1.5 | solder bucket/1 | | | |
| IC 61.006.11 | | | | | |
| TE 61-0083-011-000 | 0.03 - 0.34 | pin/1 | CO-0235-000-000 | | |
| IC 61.083.11 | | | CO.235.00 | | |

MAIN DIMENSIONS, HOUSING VARIANTS






ACCESSORIES

ASSEMBLY TOOLS





| Pin Number | | |  |  |  |  |
|--|--|----|---|--|--|---|
| | | | htec SpeedTec Plug | htec Extension | htec Receptacle | htec Receptacle angled, rotatable |
| 7 (4+PE+2)  | M | TE | HSA427N00xx0100000 | HKA427N00xxyyyy000 | HEC422N0000yyyy000 | HGC422N0000yyyy000 |
| | | IC | H51A427NN00xx0100000 | H52A427NN00xxyyyy000 | H53C422NN0000yyyy000 | H56C422NN0000yyyy000 |
| | F | TE | HSA425N00xx0100000 | HKA425N00xxyyyy000 | HEC429N0000yyyy000 | HGC429N0000yyyy000 |
| | | IC | H51A425NN00xx0100000 | H52A425NN00xxyyyy000 | H53C429NN0000yyyy000 | H56C429NN0000yyyy000 |
| 11 (4+PE+6)  | M | TE | HSA008N00xx0100000 | HKA008N00xxyyyy000 | HEC011N0000yyyy000 | HGC011N0000yyyy000 |
| | | IC | H51A008NN00xx0100000 | H52A008NN00xxyyyy000 | H53C011NN0000yyyy000 | H56C011NN0000yyyy000 |
| | F | TE | HSA002N00xx0100000 | HKA002N00xxyyyy000 | HEC005N0000yyyy000 | HGC005N0000yyyy000 |
| | | IC | H51A002NN00xx0100000 | H52002N00xxyyyy000 | H53C005NN0000yyyy000 | H56C005NN0000yyyy000 |
| 10 (6+3+PE)  | M | TE | HSA206N00xx0100000 | HKA206N00xxyyyy000 | HEC208N0000yyyy000 | HGC208N0000yyyy000 |
| | | IC | H51A206NN00xx0100000 | H52A206NN00xxyyyy000 | H53C208NN0000yyyy000 | H56C208NN0000yyyy000 |
| | F | TE | HSA202N00xx0100000 | HKA202N00xxyyyy000 | HEC204N0000yyyy000 | HGC204N0000yyyy000 |
| | | IC | H51A202NN00xx0100000 | H52A202NN00xxyyyy000 | H53C204NN0000yyyy000 | H56C204N0000yyyy000 |
| TECHNICAL DATA | Housing: zinc diecast and brass, nickel-plated Insulation insert: PA/PBT, UL 94-V0 Contacts: brass gold plated Sealing: FPM Clamp ring: brass, nickel-plated Current: Power: 30 A (7, 11 way), 25 A (10 way) Signal: 1.2 A | | | Voltage: Power: 750 VAC / 890 VDC Signal: 30 VAC / 50 VDC Protection type : IP 66/67 connected Mating Cycles: 500 Temperature range: -20 °C to 130 °C Shielding: EMC 360 ° shielded housing | | |

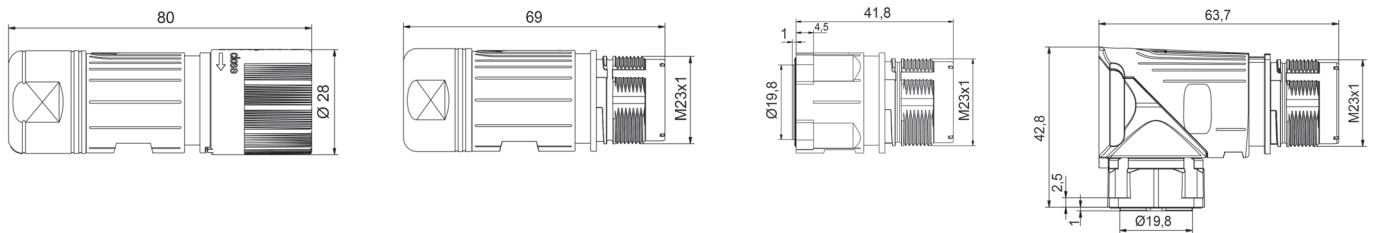
Note: M = Male, F = Female

xx = 48: Crown clamp cable dia. 7.5 - 12.0 mm, 42: Crown clamp cable dia. 9.5 - 14.5 mm, 55: Lamelle clamp cable dia. 7.5 - 12.0 mm
 58: Lamelle clamp cable dia. 9.5 - 14.5 mm, 59: Lamelle clamp cable dia. 14.0 - 17.0 mm

yyyy extension = 0100 standard, 0200: central mout with counter nut

yyyy receptacle and receptacle angled = 0300 flange size 28.0 x 28.0 mm,
 0200 flange size 25.7 x 25.7 mm, 0100: mounting thread M 25.0 x 1.5 mm

MAIN DIMENSIONS, HOUSING VARIANTS



ACCESSORIES



Metal flange, hinged
 TE: E0-0222-002-000
 IC: E0.222.02



Plastic protection cap
 TE: 8B-0090-000-000
 IC: 8B.090.00



Metal protection cap
 TE: 8B-0091-001-000
 IC: 8B.091.01






Colored marking rings for connector housing
 yellow:
 TE: A6-0022-F04-000
 IC: A6.022.F04

green:
 TE: A6-0022-F11-000
 IC: A6.022.F11
red:
 TE: A6-0022-F10-000
 IC: A6.022.F10

723

| CONTACT PN | CRIMPING RANGE mm ² | CONTACT FEATURE/ CONTACT DIAMETER mm | CRIMP TOOL PN | INSULATION INSERT | | | | | |
|--------------------|--------------------------------|---|-----------------|-------------------|--------------|---------------|---------------|---------------|---------------|
| | | | | 427, 422 7-M | 425, 429 7-F | 008, 011 11-M | 002, 005 11-F | 206, 208 10-M | 202, 204 10-F |
| TE 60-0270-011-000 | 0.35 - 2.5 | slotted socket / 2 | CO-0324-000-000 | 5x | | | 5x | | 7x |
| IC 60.270.11 | | | CO.324.00 | | | | | | |
| TE 60-0272-011-000 | 2.5 - 4.0 | slotted socket / 2 | CO-0201-000-000 | 5x | | | 5x | | 7x |
| IC 60.272.11 | | | CO.201.00 | | | | | | |
| TE 60-0279-011-000 | 0.06 - 1.0 | slotted socket / 1 | CO-0324-000-000 | 2x | | | 6x | | 3x |
| IC 60.279.11 | | | CO.324.00 | | | | | | |
| TE 61-0242-011-000 | 0.35 - 2.5 | contact pin / 2 | CO-0324-000-000 | 5x | | 5x | | 7x | |
| IC 61.242.11 | | | CO.324.00 | | | | | | |
| TE 61-0243-011-000 | 2.5 - 4.0 | contact pin / 2 | CO-0201-000-000 | 5x | | 5x | | 7x | |
| IC 61.243.11 | | | CO.201.00 | | | | | | |
| TE 61-0253-011-000 | 0.06 - 1.0 | contact pin / 1 | CO-0324-000-000 | 2x | | 6x | | 3x | |
| IC 61.253.11 | | | CO.324.00 | | | | | | |

OPTION: Data inserts, separately EMI shielded

| TYPE | USE IN INSULATION INSERT | ETHERNET ELEMENT PN | CONTACT PN | CONTACT FEATURE/ CONTACT DIAMETER mm | CRIMP TOOL PN |
|--|--------------------------|---------------------|-----------------|---|-----------------|
| 2-pin  | 427, 422 | 40-A722-000-000 | 61-0253-011-000 | contact pin / 1 | CO-0324-000-000 |
| | | 40.A722.00 | 61.253.11 | | CO.324.00 |
| | 425, 429 | 40-A711-000-000 | 60-0279-011-000 | slotted socket / 1 | CO-0324-000-000 |
| | | 40.A711.00 | 60.279.11 | | CO.324.00 |
| 6-pin  | 427, 422 | 40-A703-000-000 | 61-0252-011-000 | contact pin / 0.6 | CO-0324-000-000 |
| | | 40.A703.00 | 61.252.11 | | CO.324.00 |
| | 425, 429 | 40-A702-000-000 | 60-0278-011-000 | slotted socket / 0.6 | CO-0324-000-000 |
| | | 40.A702.00 | 60.278.11 | | CO.324.00 |
| 4-pin  | 008, 011 | 40-A486-000-000 | 61-0252-011-000 | contact pin / 0.6 | CO-0324-000-000 |
| | | 40.A486.00 | 61.252.11 | | CO.324.00 |
| | 002, 005 | 40-A487-000-000 | 60-0278-011-000 | slotted socket / 0.6 | CO-0324-000-000 |
| | | 40.A487.00 | 60.278.11 | | CO.324.00 |

ASSEMBLY TOOL SET (CASE)

TE: CO-0323-000-000
IC: CO.323.00

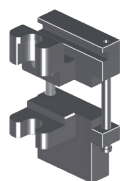
FOR DATA ELEMENT



Assembly tool
TE: CO-0282-000-000
IC: CO.282.00



Crimping insert
TE: CO-0321-000-000
IC: CO.321.00



Positioner insert
TE: C6-0166-000-000
IC: C6.166.00

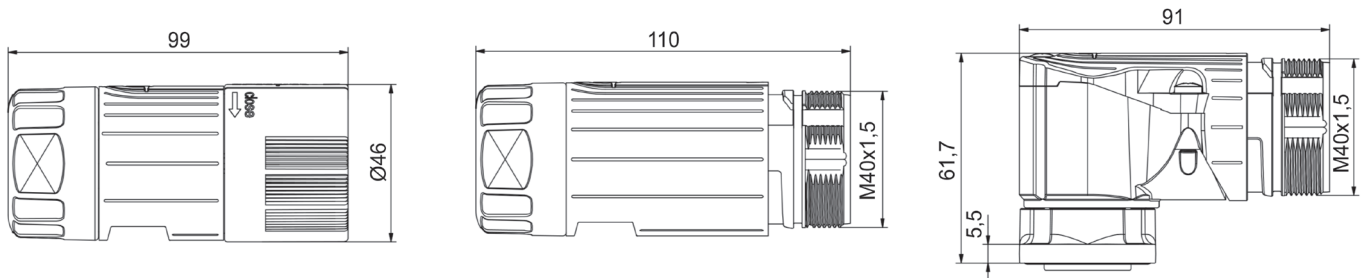
740

| | | | | | | |
|--|---|--|----------------------|----------------------|---|--|
| Pin Number 9 (4+PE+4)  | M | TE | | HKA503N00xx100P000 | HGE502N0000100P000 | |
| | | IC | | H82A503NN00xx0100000 | H86E503NN00000100000 | |
| | F | TE | HSA501N00xx100P000 | | | |
| | | IC | H81A501NN00xx0100000 | | | |
| TECHNICAL DATA | | Housing:..... zinc diecast and brass, nickel-plated Insulation insert: PA, UL 94-V0 Contacts:..... brass gold plated Sealing:..... FPM Clamp ring:..... brass, nickel-plated Current:..... Power: 70 A, Signal: 7 A | | | Voltage:..... Power: 750 VAC / 890 VDC Signal: 150 VAC / VDC Protection type :..... IP 66/67 connected Mating Cycles:..... 500 Temperature range:..... -20 °C to 130 °C Shielding:..... EMC 360 ° shielded housing | |

Note: M = Male, F = Female

xx=03: cable dia. 7.0 - 9.0 mm, 44: cable dia. 9.0 - 16.0 mm, 45: cable dia. 16.5 - 25.0 mm

MAIN DIMENSIONS, HOUSING VARIANTS



ASSEMBLY TOOL SET (CASE)

TE: C0-0323-000-000
 IC: C0.323.00

FOR CONNECTORS



Fitting tool
 TE: C5-0018-000-000
 IC: C5.018.00



Fixture
 TE: VC-0004-000-000
 IC: VC.004.00

FOR DATA ELEMENT



Assembly tool
 TE: C0-0282-000-000
 IC: C0.282.00



Crimping insert
 TE: C0-0321-000-000
 IC: C0.321.00





Positioner insert
 TE: C6-0166-000-000
 IC: C6.166.00

HYBRID CONNECTORS

740

| CONTACT PN | CRIMPING RANGE mm ² | CONTACT FEATURE/ CONTACT DIAMETER mm | CRIMP TOOL PN | LOCATOR | INSULATION INSERT | | |
|--------------------|--------------------------------|---|-----------------|-----------------|-------------------|---------|---------|
| | | | | | 501 9-F | 503 9-M | 502 9-M |
| TE 60-0225-011-000 | 1.5-10.0 | tension spring/3.6 | CO-0008-000-000 | CO-0010-000-000 | 5x | | |
| IC 60.225.11 | | | CO.008.00 | CO.010.00 | | | |
| TE 60-0227-011-000 | 6.0-16.0 | tension spring/3.6 | CO-0008-000-000 | CO-0010-000-000 | 5x | | |
| IC 60.227.11 | | | CO.008.00 | CO.010.00 | | | |
| TE 60-0279-011-000 | 0.06-1.0 | slotted socket/1 | CO-0324-000-000 | | 4x | | |
| IC 60.279.11 | | | CO.324.00 | | | | |
| TE 60-0216-000-000 | 0.5-1.5 | slotted socket/1 | CO-0324-000-000 | | 4x | | |
| IC 60.216.11 | | | CO.324.00 | | | | |
| TE 61-0039-011-000 | 1.5-10.0 | pin extension/3.6 | CO-0008-000-000 | CO-0010-000-000 | | 5x | |
| IC 61.039.11 | | | CO.008.00 | CO.010.00 | | | |
| TE 61-0040-011-000 | 6.0-16.0 | pin extension/3.6 | CO-0008-000-000 | CO-0010-000-000 | | 5x | |
| IC 61.040.11 | | | CO.008.00 | CO.010.00 | | | |
| TE 61-0196-011-000 | 1.5-4.0 | pin recept./3.6 | CO-0008-000-000 | CO-0247-000-000 | | | 5x |
| IC 61.196.11 | | | CO.008.00 | CO.247.00 | | | |
| TE 61-0195-011-000 | 6.0-10.0 | pin recept./3.6 | CO-0008-000-000 | CO-0247-000-000 | | | 5x |
| IC 61.195.11 | | | CO.008.00 | CO.247.00 | | | |
| TE 61-0312-011-000 | 3.3-6.0 | pin recept./3.6 | CO-0008-000-000 | CO-0247-000-000 | | | 5x |
| IC 61.312.11 | | | CO.008.00 | CO.247.00 | | | |
| TE 61-0253-011-000 | 0.06-1.0 | pin/1 | CO-0324-000-000 | | | 4x | 4x |
| IC 61.253.11 | | | CO.324.00 | | | | |
| TE 61-0221-011-000 | 0.5-1.5 | pin/1 | CO-0324-000-000 | | | 4x | 4x |
| IC 61.221.11 | | | CO.324.00 | | | | |

OPTION: DATA INSERTS, SEPARATELY EMI SHIELDED

| TYPE | USE IN INSULATION INSERT | ETHERNET ELEMENT PN | CONTACT PN | CONTACT FEATURE/ CONTACT DIAMETER mm | CRIMP TOOL PN |
|--|--------------------------|---------------------|-----------------|---|-----------------|
| 2-pin  | 503, 502 | 40-A722-000-000 | 61-0253-011-000 | contact pin/1 | CO-0324-000-000 |
| | | 40.A722.00 | 61.253.11 | | CO.324.00 |
| | 501 | 40-A711-000-000 | 60-0279-011-000 | slotted socket/1 | CO-0324-000-000 |
| | | 40.A711.00 | 60.279.11 | | CO.324.00 |
| 6-pin  | 503, 502 | 40-A703-000-000 | 61-0252-011-000 | contact pin/0.6 | CO-0324-000-000 |
| | | 40.A703.00 | 61.252.11 | | CO.324.00 |
| | 501 | 40-A702-000-000 | 60-0278-011-000 | slotted socket/0.6 | CO-0324-000-000 |
| | | 40.A702.00 | 60.278.11 | | CO.324.00 |

ACCESSORIES



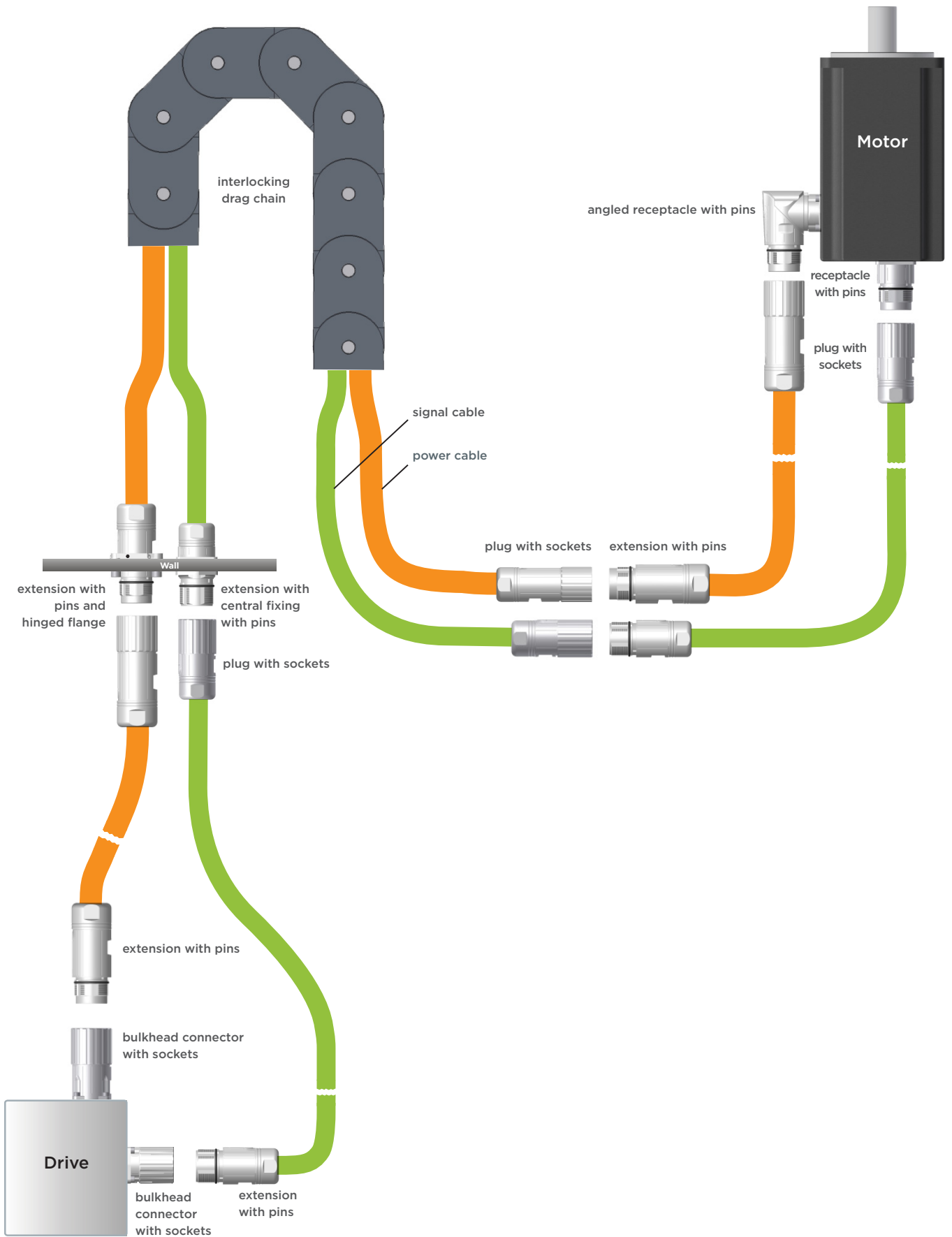
Plastic protection cap
TE: 8A-0004-000-000
IC: 8A.004.00



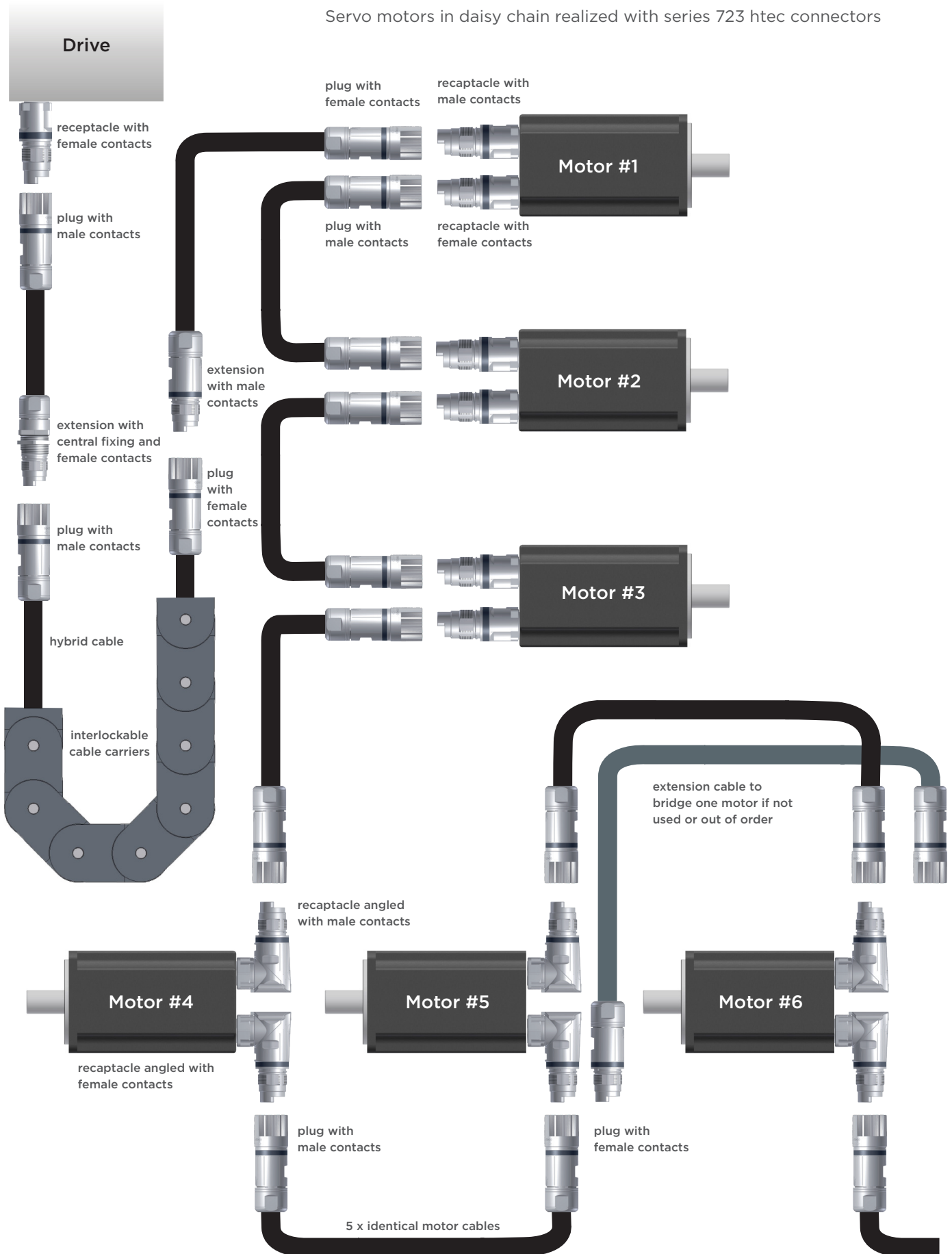
Metal flange, hinged
TE: E0-0058-002-000
IC: E0.058.02



Metal protection cap
TE: 8B-0022-001-000
IC: 8B.022.01



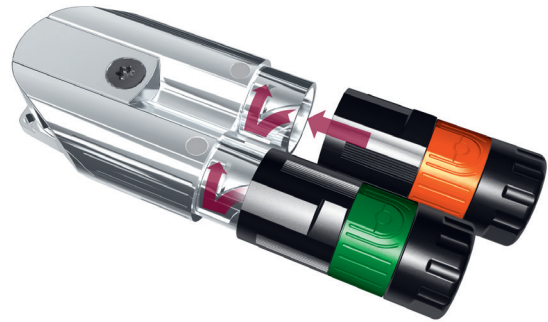
Servo motors in daisy chain realized with series 723 htec connectors



ytec and itec self-locking system:

Automatic ytec and itec fastener for easy and safe connections

- High-quality industrial connector with metal housing
- Flat - narrow - short
- Miniaturized size in all three dimensions ensures that the system is compatible even with very small motors
- 360° EMC shielding
- High robustness against shock and vibration
- Rotatable by 300°
- Protection rating IP 66 and IP 67



The ytec system requires only one mounting hole and is available in two different flange sizes 25 and 28. The ytec system connector can be mounted in 4 different angles (0°, 90°, 180° and 270°). Additionally, after installation, the system is infinitely rotatable by 300°. Itec is available in all ytec pin layouts and is compatible with all mating ytec plugs. Ytec and the single version itec represents an ultra compact

complete system with an automatically locking quick-release fastener for easy and safe connections. The mechanically coded housing in conjunction with colour coding makes any confusion of signal and power plug impossible. Ytec and itec system connectors define a new connector dimension. Miniaturized size in all three dimensions ensures that the system is compatible even with the smallest of motors.

locktec connector system:

Connector housing and plastic shell inseparably coupled after quick and easy locktec assembly

- Free assembly without overmold
- Opening the connector housing results in destruction
- Robust metal housing inside, fully EMC shielded
- IP class 66/67
- Individual labeling and coloring possible



M23 hybrid htec connector:

Power, feedback and communication in one housing

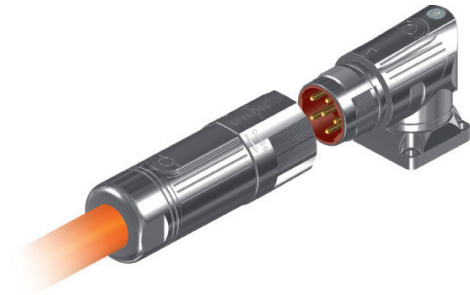
- Hybrid cable assemblies
- Pre-wired receptacle connectors for servo motors and drive control components
- Pin or socket contacts
- Straight or angled receptacles
- IP 67, IP 68, IP 69K
- 360° EMC shielding
- CAT 5 Element separately shielded
- High robustness against shock and vibration
- Continuously rotatable
- SpeedTec quick connection system
- Touchproof power contacts



SpeedTec connector:

Save cost with the SpeedTec quick locking system

- Connected within second-time saving
- Highest connection reliability
- 360° EMC shielding
- High robustness against shock and vibration
- IP 67, IP 68, IP 69K
- Backwards compatible to threaded connectors





**THE SPECIALIST
IN ELECTRONIC
COMPONENT
DISTRIBUTION**

WHY CHOOSE TTI?

Founded in 1971, TTI has steadily grown to become a world leading specialist distributor of electronic components. The company was founded on the premise that passive component purchasing could be made more efficient by offering product specialization, customer-driven service and proprietary supply chain solutions.

GLOBAL DISTRIBUTION CENTRES

Our European headquarters is located just outside of Munich, Germany in Maisach-Gernlinden. In total, we have 42,600m² of dedicated warehouse space and local sales and technical support in over 40 locations across Europe. TTI has more than 195,000m² of automated warehousing in North America, Europe and Asia. All are linked into a global warehouse management system that provides superior customer service and overall business efficiencies. Wherever you are in the world, TTI can support you.

Year after year, customers rate our inventory availability, on-time delivery and accuracy among the very best in the industry – contact us today to find out what a true specialist has to offer.

QUALITY AND RELIABILITY

TTI is the first distributor to have all global warehouse locations ISO registered and certified to ISO 9001 and ISO 14001 Standards. TTI Europe is also certified to EN9120/EN9100, IECQ-CECC and ISO/IEC 27001 Standards. Additionally, all of our European sales branches are ISO 9001 certified. TTI has one global documentation system that ensures that every TTI branch and warehouse in the world follows the same processes.



**GLOBAL DISTRIBUTION CENTRES
WITH MORE THAN 195,000M² OF
AUTOMATED WAREHOUSING IN
NORTH AMERICA, EUROPE
AND ASIA.**



**CONTACT TTI TODAY TO SEE
WHAT A TRUE SPECIALIST CAN OFFER.**

CORPORATE HEADQUARTERS

TTI, Inc.
2441 Northeast Parkway, Fort Worth, Texas 76106 U.S.A.
T: +1 817 740 9000 | F: +1 817 740 9898
E: information@ttiinc.com

EUROPEAN HEADQUARTERS

TTI, Inc.
Ganghoferstr. 34, 82216 Maisach-Gernlinden Germany
T: +49 (0) 81 42 66 80 0 | F: +49 (0) 81 42 66 80 490
E: sales@de.ttiinc.com

EUROPEAN SALES OFFICES

Austria

Vienna
T: +43 (0) 18 79 85 90
E: sales.vienna@at.ttiinc.com

Benelux

Eindhoven
T: +31 (0) 40 290 1616
E: sales.benelux@nl.ttiinc.com

Bulgaria

Varna
T: +359 52 51 10 59
E: sales.varna@bg.ttiinc.com

Czech/Slovak Republic

Brno
T: +420 541 126 714
E: sales.brno@cz.ttiinc.com

Denmark

Copenhagen
T: +45 (0) 43 29 35 35
E: sales.copenhagen@dk.ttiinc.com

Risskov

T: + 45 (0) 38 41 31 00
E: sales.copenhagen@dk.ttiinc.com

Estonia

Tallinn
T: +372 664 81 00
E: sales.estonia@ee.ttiinc.com

Finland & Baltic Region

Espoo
T: +358 98 94 65 200
E: sales.finland@fi.ttiinc.com

France

Brive
T: +33 (0) 5 55 92 92 93
E: sales.france@fr.ttiinc.com

Bron

T: +33 (0) 472 81 2030
E: sales.lyon@fr.ttiinc.com

Bruz

T: +33 (0) 2 99 77 60 84
E: sales.rennes@fr.ttiinc.com

La Ciotat

T: +33 (0) 442 84 4142
E: sales.marseille@fr.ttiinc.com

Montigny Le Bretonneux

T: +33 (0) 130 13 7380
E: sales.paris@fr.ttiinc.com

Germany

Berlin
T: +49 (0) 30 8877 40 200
E: sales.berlin@de.ttiinc.com

Dortmund

T: +49 (0) 2301 91 304 0
E: sales.dortmund@de.ttiinc.com

Frankfurt

T: +49 (0) 6102 5999 100
E: sales.frankfurt@de.ttiinc.com

Hanover

T: +49 (0) 5 11 7 80 59 0
E: sales.hannover@de.ttiinc.com

Munich

T: +49 (0) 81 42 66 80 110
E: sales.munich@de.ttiinc.com

Pforzheim

T: +49 (0) 7231 14788 0
E: sales.stuttgart@de.ttiinc.com

Hungary

Budapest
T: +36 1 40 22 111
E: sales.budapest@hu.ttiinc.com

Ireland

T: +44 (0)1494 460000
E: sales.ireland@ie.ttiinc.com

Israel/Ray-Q Ltd.

Airport City
T: +972 3 975 3333
E: sales@ray-q.com

Italy

Civitanova Marche
T: +39 0733 818655
E: sales.milan@it.ttiinc.com

Florence

T: +39 (0) 55 094 63 76
E: sales.milan@it.ttiinc.com

Milan

T: +39 02 822 521
E: sales.milan@it.ttiinc.com

Naples

T: +39 081 4245719
E: sales.milan@it.ttiinc.com

Triveneto

T: +39 049 7802311
E: sales.milan@it.ttiinc.com

Rome

T: +39 0774 57 1302
E: sales.rome@it.ttiinc.com

Norway

Drammen
T: +47 (0) 92 66 87 66
E: sales.norway@no.ttiinc.com

Poland

Kwidzyn
T: +48 (0) 55 279 67 57
E: sales.poland@pl.ttiinc.com

Portugal

Vila Nova de Famalicao
T: +351 252 493084
E: sales.barcelona@es.ttiinc.com

Romania

Cluj Napoca
T: +40 (0) 733 339 002
E: sales.romania@ro.ttiinc.com

Russia

Saint Petersburg
T: +7 (0) 812 4962053
E: sales.russia@ru.ttiinc.com

South Africa

Pretoria
T: +27 86 111 2844
E: sales.southafrica@za.ttiinc.com

Spain

Barcelona
T: +34 (0) 93 645 25 75
E: sales.barcelona@es.ttiinc.com

Madrid

T: +34 (0) 91 416 11 90
E: sales.madrid@es.ttiinc.com

Vizcaya

T: +34 (0) 94 623 25 80
E: sales.bilbao@es.ttiinc.com

Sweden

Gothenburg
T: +46 (0) 31 741 12 90
E: sales.gothenburg@se.ttiinc.com

Stockholm

T: +46 (0) 8 594 11 800
E: sales.stockholm@se.ttiinc.com

Switzerland

Baar
T: +41 (0) 41 76741 90
E: sales.swiss@ch.ttiinc.com

Egypt, Morocco & Tunisia

T: +216 (0) 71 862 693
E: sales.tunis@fr.ttiinc.com

Turkey

Istanbul
T: +90 (0) 216 688 91 75 76
E: sales.turkey@tr.ttiinc.com

United Kingdom

Basildon
T: +44 (0)1268 498460
E: sales.essex@uk.ttiinc.com

High Wycombe

T: +44 (0)1494 460000
E: sales.london@uk.ttiinc.com

Manchester

T: +44 (0) 161 872 2019
E: sales.london@uk.ttiinc.com

Resellers or Distributors

TTI Connect - Europe
T: +49 8142 6680 168
E: service@tticonnect.com



For questions on TE Connectivity's INTERCONTEC products,
please send your request to intercontec@te.com

TTI, Inc. Europe

TTI, Inc. is a premier specialty distributor of electronic components known to customers and manufacturers around the globe. A legacy branded in pride for unsurpassed customer service and product knowledge has won TTI recognition from its customer and supplier partners time and time again. Over 40 years ago, TTI positioned itself as the leading authorized distributor offering passive, connector, electromechanical and discrete components. Broader and deeper inventory and leading-edge technology products have established TTI as The Specialist in electronic component distribution.

te.com

htec, INTERCONTEC, itec, LiMoTEC, locktec, singletec, SpeedTec, ytec, TE Connectivity, TE connectivity (logo) and EVERY CONNECTION COUNTS are trademarks. All other logos, products and/or company names referred to herein might be trademarks of their respective owners.

The information given herein, including drawings, illustrations and schematics which are intended for illustration purposes only, is believed to be reliable. However, TE Connectivity makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use. TE Connectivity's obligations shall only be as set forth in TE Connectivity's Standard Terms and Conditions of Sale for this product and in no case will TE Connectivity be liable for any incidental, indirect or consequential damages arising out of the sale, resale, use or misuse of the product. Users of TE Connectivity products should make their own evaluation to determine the suitability of each such product for the specific application.

© 2021 TE Connectivity Ltd. family of companies All Rights Reserved.

1-1773910-3 03/21 Original: WR / WSP Rev.

TTI, Inc.

EUROPEAN HEADQUARTERS

TTI, Inc.
Ganghoferstraße 34
82216 Maisach-Gernlinden
Germany

T: +49 (0)81 426 680 0
F: +49 (0)81 426 680 490
E: sales@de.ttiinc.com
www.ttieurope.com

TE Connectivity Industrial

Pfnorstr. 1
D-64293 Darmstadt
Germany

+49 6151 607 1999

www.te.com

LEGAL ENTITY