



# micronnect



Ø14 mm



© Techno Srl All rights reserved.



- Series TH381
  - 2-poles
  - 10A 400V (class 2)
  - IP68/IP69K
  - Screw terminal
- blocks up to cables of 1.0 mm<sup>2</sup>

1 February 2017

## 1

### MINIATURIZED



We have developed a connector with extremely compact overall dimensions.

Micron.nect allows the connection between devices and instruments in very small places.

## 2

### WATER AND DUST RESISTANT



We have realized this product with the most advanced technologies, using the best materials on the market.

Micron.nect is reliable under extreme application conditions, including permanent water submersion (IP68).

## 3

### SCREW WIRE CONNECTOR



We have designed a screw wire connector which is unique in terms of dimensions and it can be used with wires up to 1.0 mm<sup>2</sup>.

Micron.nect is suitable for field wiring and it ensures maximum application versatility.

**XDRY**

**No more condensation: completely insulated and sealed**



Available now for TH387 connectors

xDRY® anti-moisture barrier prevents the damp inside the cable from entering the connection and proceeding towards the device installed.

1 February 2017



© Techno Srl - All rights reserved.



**IP66**  
**IP68**



*long*



*compact*

# Compact and long for every need



- Can install cables of diameter 14.0 mm
- More space for cable wiring
- Easy codes (i.e. THB.387.A4A.L)

1 January 2017



© Techno Srl All rights reserved.





## Current Distributor 4-ways (TH624)

- Can connect with TH387 plug and socket connectors
- Available in 4-poles and 5-poles
- IP68

1 March 2017

© Techno Srl All rights reserved.



# UL listed connectors



TH405

**screw** 3 and 5 poles



Available now



TH384

3 poles



Available now



TH387

4 and 5 poles



1 February 2017



TH381

2 poles



2017



# UL listed connectors



TH406



Φ 28 mm

**screw** 3 and 5 poles



Available now

TH385



M25 M20

3 poles



Available now

TH387



M20

4 and 5 poles



1 February 2017

TH381



M16

2 poles



2017



# Panel-mounted connectors M20 and M16



Available for the entire range  
of TH387 and TH391 joint-  
connectors

1 January 2017



# Panel-mounted plug & socket connector range

**M20**

Plastic panel or low-voltage,  
class 3/SELV luminaires



**M16/M20**



1 January 2017

**M25**

With nut



**M25**

With screws



# Panel-mounted joint-connector range

**M20**

Plastic panel or low-voltage,  
class 3/SELV luminaires



**M16/M20**



**1 January 2017**

**M25**

With nut



**M25**

With screws



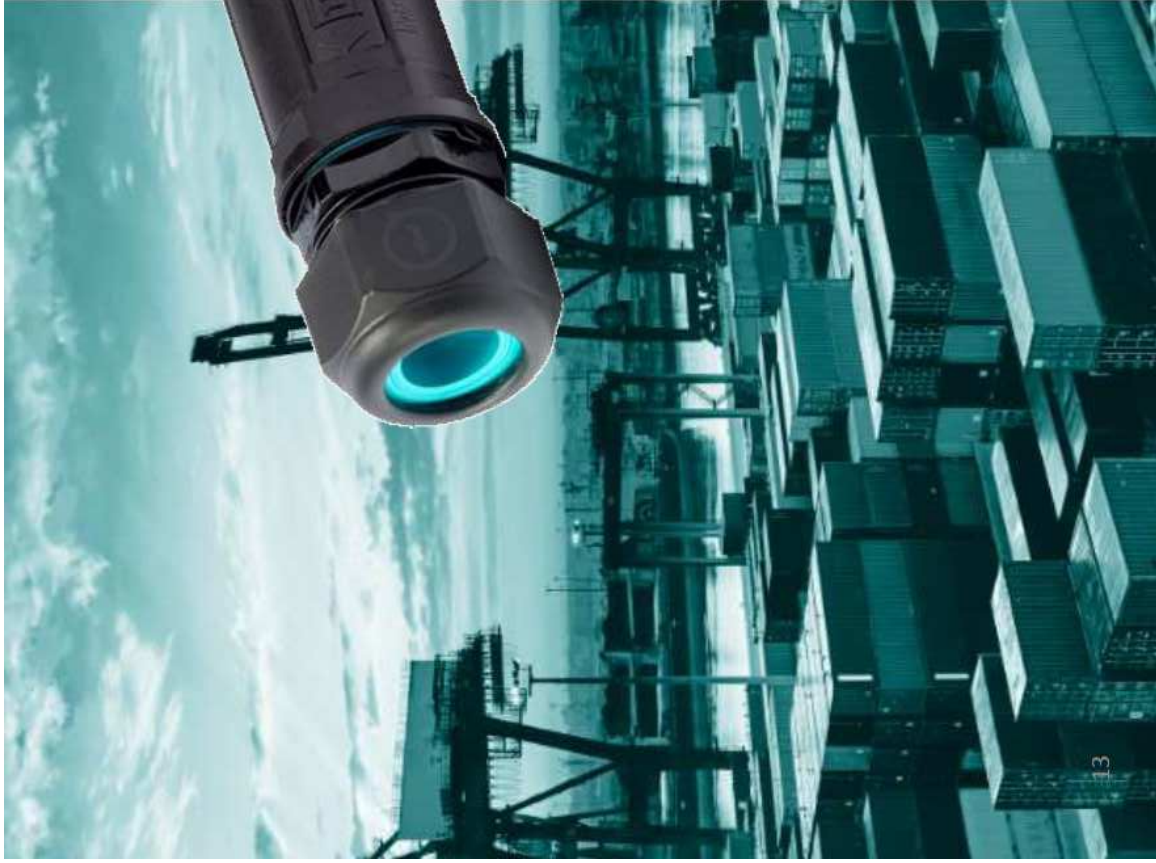


## Junction-box 4-way

- Available with cable glands or connectors
- Supplied empty or custom made according to customer specs
- IP67/IP68 (option with anti-condensation barrier)
- Outer dim.: 150 x 150 x 40 mm
- Inner dim.: 89 x 83 x 21 mm

1 March 2017





# In-line joint connectors up to cable 6mm<sup>2</sup>



- 41A - 750V AC
- max. cable cross section = 6mm<sup>2</sup>
- Terminal blocks: screw type or insulation piercing screws



1 January 2017



- All TEETUBE® products with a new design make them more robust
- Anti-rotation nut to avoid accidental unscrewing
- Tamper-evident seal: Breaking flaps shows whether the product has been manipulated

1 January 2017



su richiesta

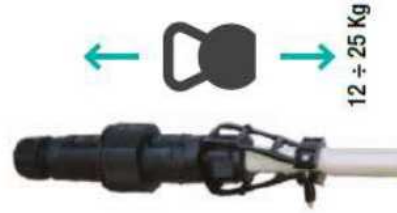
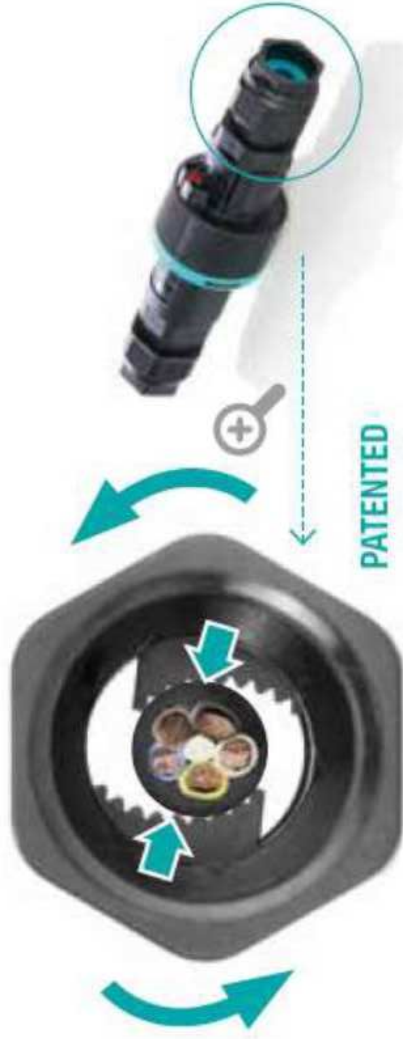


© Techno Srl All rights reserved.



NEW

## Maximum resistance to tensile stress



- Accessory
- Gradual fixing of cable with pressure teeth
- Tested up to 25 Kg with cable FG7OR

1 January 2017

**ttechno**  
TECHNOLOGY & INNOVATION



# IP68 IP69K

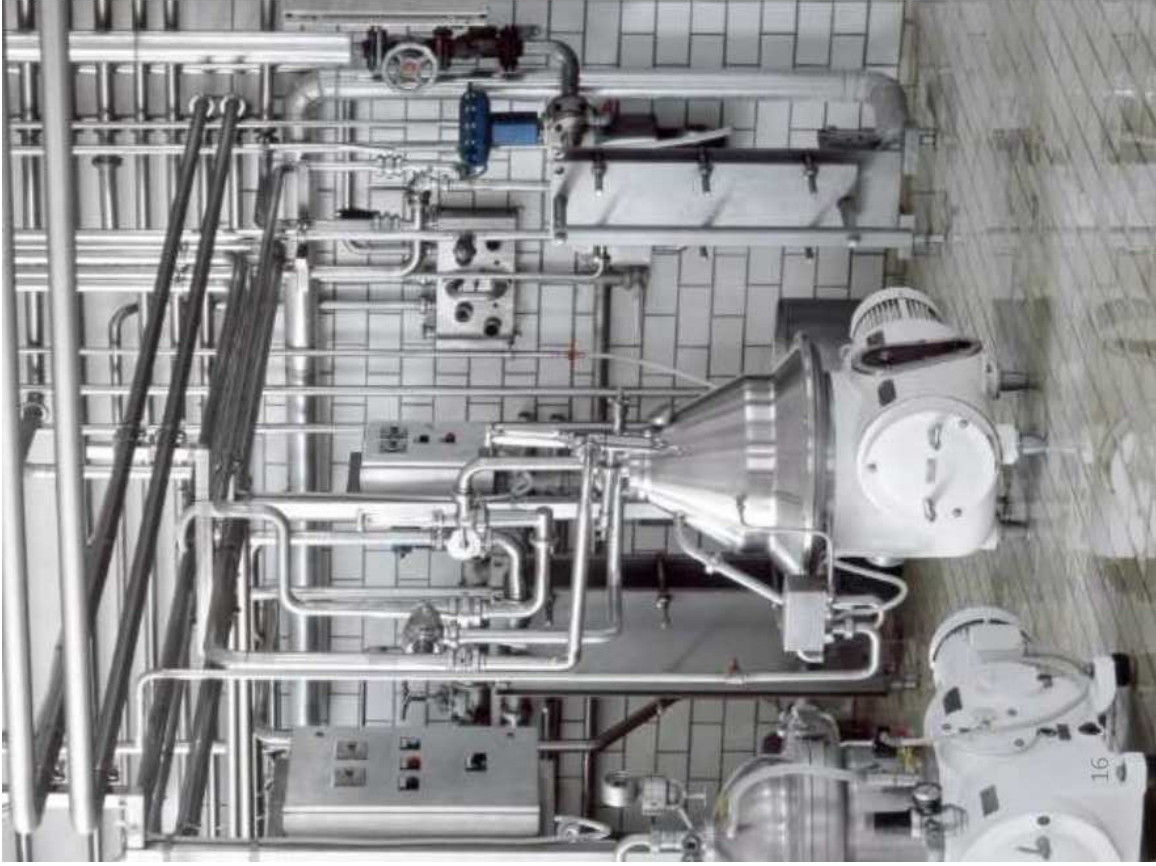
## Hybrid plastic-metal connectors for harsh environments

1 February 2017



- Nickel plated brass or stainless steel ferule
- Available on TH387 up to 5 poles





# IP68 IP69K

## Hybrid plastic-metal connectors for harsh environments

1 February 2017



- Nickel plated brass or stainless steel ferule
- Available on TH387 up to 5 poles





## TH405/TH406 with safe-lock system

- Quick-bayonet coupling with safety lock-unlock system (supplied standard on all versions)
- Disconnection is possible only by the use of a tool to prevent accidental displacement
- Higher resistance to vibrations and mechanical stresses → Guarantee of electrical continuity



1 January 2017





**TH405/TH406**

**Long last reliability**



**IP68**

# New IP6x approvals



TH405



TH384



TH387



TH381



IP66



IP66



IP68



IP68



IP69K



© Techno Srl All rights reserved.

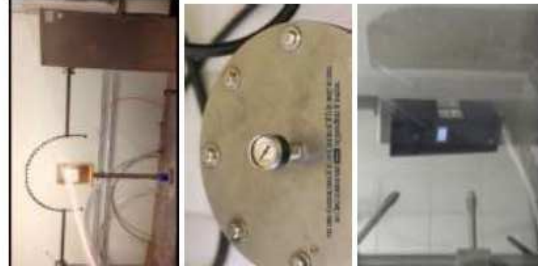
# New IP6x approvals



TH408 with metal nut



TH387 with metal nut



IP68



IP69K

IP68



IP69K

# Excellent materials



Our materials do not contain sulfur which has a negative effect on the LED lifespan



Halogen Free



Silicon Free



Substance	Resistant	Chemical formula	Applications
Acetylene	Yes	$C_2H_2$	Lighting devices, Welding and brazing plants
Ammonia	Yes	$NH_3$	Painting plants, plastic material production plants, paper and rubber industries
Methyl alcohol	Partially	$CH_3OH$	Solvents, reagents for industrial chemical processes
Benzene	Yes	$C_6H_6$	Drugs and colorants production, chemical compounds synthesis, industrial solvents
Calcium chloride in water-based solution (salt)	Yes	$CaCl_2$	Refrigerating plants, sewage disposal, oil and gas extraction wells
Chlorine	Partially	Cl	Swimming pools. Water purification plants
Diesel	Yes	-	Diesel engines. Transport. Heating plants
Fertilizers	Yes	-	Agriculture
Lubricating oils	Yes	-	Industrial machinery. Water plants
Petroleum	Yes	-	Fuels, transport, heating and energy production plants
Phosphate	Yes	-	Cleaners, fertilizers, food industry
Sea water	Yes	-	marine environment

Contact our customer service to verify the resistance of micronnect connector to its use under particular conditions according to customers specifications. The characteristics of IPE-S rubber: excellent resistance against UV rays, ozone and weather damage.

© TECHNO SRT - All rights reserved.