



**TECHNO AR-EXTRA!**  
Augmented Reality  
experience inside!  
Learn more at back of brochure

**NEWS 2016**



**CREATIVITY  
TECHNOLOGIES  
MATERIALS**

**High-performance  
electrical connections**

MADE IN ITALY



TH381

**micron**nect



**t** techno<sup>®</sup>  
TECHNOLOGY & INNOVATION

### COMPACT SIZE

For installation in tight spaces



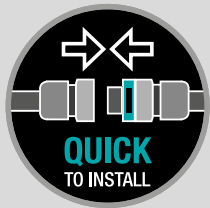
### ERROR-PROOF

Anti-leakage gaskets



### QUICK CONNECTION PUSH-IN WITH SAFE-LOCK SYSTEM

A tool must be used to release the connector



### PANEL-MOUNTED INSTALLATION



### ANTI-ROTATION SYSTEM

To avoid unscrewing



### MANUAL UNLOCK (Optional)

Just press to release the connector



# TH381

micronnect



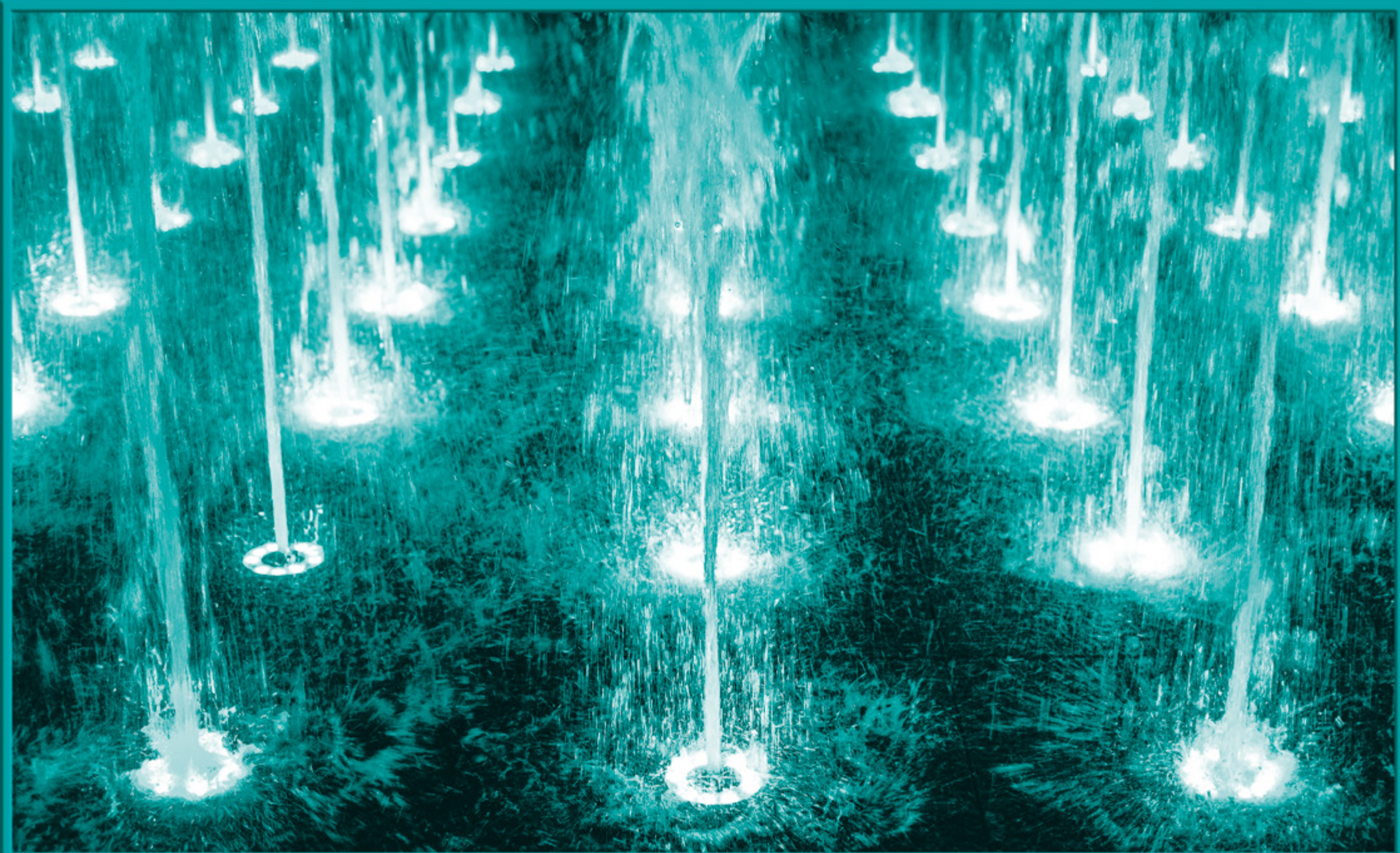
### TECHNICAL INFO

- Series: TH381
- 2 poles
- IP68
- Wire-section: 0.25 mm<sup>2</sup> – 1.5 mm<sup>2</sup>
- 10A 400V (class 2)
- Outer Cable Diameter: 5.0 mm – 8.3 mm (see accessories for smaller cable)
- Screw connection
- According to EN61984/EN61535 (pending)
- PA66 GF UL94 V0 (GWT 960°)
- Halogen Free - Silicon Free

## Micro Connector IP68

The smallest IP68 Plug&Socket with screw connectivity





TH391

**xDRY**  
ELECTRICAL  
CONNECTORS IP68  
ANTICONDENSATION



**t** techno<sup>®</sup>  
TECHNOLOGY & INNOVATION

### PANEL-MOUNTED INSTALLATION

With xDRY anti-condensation system



### JUNCTION CURRENT DISTRIBUTOR

With xDRY anti-condensation system



### ANTI-CONDENSATION FOR TH387 Plug&Socket Connector



### ANTI-CONDENSATION

Special anti-moisture barrier prevents the damp inside the cable from entering the connection



# TH391 TH392 TH387



[www.xdry.it](http://www.xdry.it)



### TECHNICAL INFO

- Series: TH391-TH392-TH387
- 2-3-4-poles (screw connection)
- IP68 and Anti-condensation
- Wire-section: 0.5 mm<sup>2</sup> - 2.5 mm<sup>2</sup>
- 17.5A 450V
- Outer Cable Diameter: 7.0 mm - 12.0 mm (see accessories for smaller cable)
- According to EN60998 (EN61984 for TH387)
- PA66 GF UL94 V0 (GWT 960°)
- Halogen Free - Silicon Free

**Anti-condensation Circular Connectors**  
Reliability guaranteed under extreme conditions





TH392

**XDRY**  
ELECTRICAL  
CONNECTORS IP68  
ANTICONDENSATION



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TECHNOLOGY & INNOVATION



TH392

### FAST CONNECTION

Pre-wired solutions for quick wiring



### ERROR-PROOF

Anti-leakage gaskets



### PROTECTION CAP

for modular installation



# TH392 TH624

# Quick Current Distributor

Compact pre-wired current distributor IP68



### TECHNICAL INFO

- Series: TH624 (Current Distributor Plug&Socket)
- 4-5 poles (screw connection)
- IP68
- Wire-section: 0.5 mm<sup>2</sup> - 2.5 mm<sup>2</sup>
- 17.5A 450V
- Outer Cable Diameter: 7.0 mm - 12.0 mm (see accessories for smaller cable)
- According to EN61984
- PA66 GF UL94 V0 (GWT 960°)
- Halogen Free - Silicon Free

### CURRENT DISTRIBUTOR WITH PLUG&SOCKET CONNECTORS

No access inside the junction box required



FRONT SIDE



BACK SIDE

TH624

**IP68**





TH387

**XDRY**  
ELECTRICAL  
CONNECTORS IP68  
ANTICONDENSATION



**t** techno®  
TECHNOLOGY & INNOVATION



### COMPACT SIZE

For installation in tight spaces



### QUICK SCREW WIRE AND PIERCING CONNECTORS

The wire does not need to be peeled. It is enough to cut the wire and insert it into the wiring terminal.

The golden colour screw identifies the insulation piercing connectors. We have available also connectors with standard screw terminal, crimp and spring terminal.



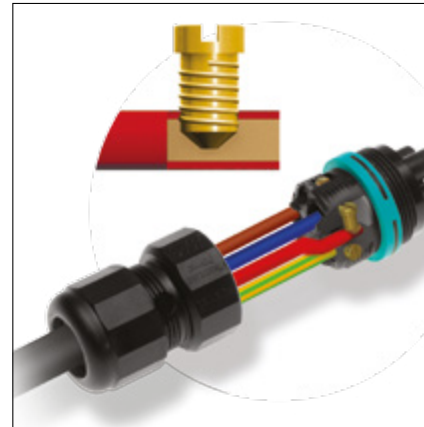
### COST REDUCTION OF PRODUCT INSTALLED

Time-saving installation



### NO CABLE STRIPPING

For stranded cable up to 1.5 mm<sup>2</sup>



### Piercing screw solution available on the whole program



### COMPACT CIRCULAR CONNECTORS



# TH387



## TECHNICAL INFO

- Series: all
- IP68
- Wire-section: 0.5mm<sup>2</sup> – 1.5mm<sup>2</sup>
- 17.5A 450V
- According to EN61984/EN60998
- PA66 GF UL94 V0/V2 (GWT 960°/850°)
- Halogen Free - Silicon Free

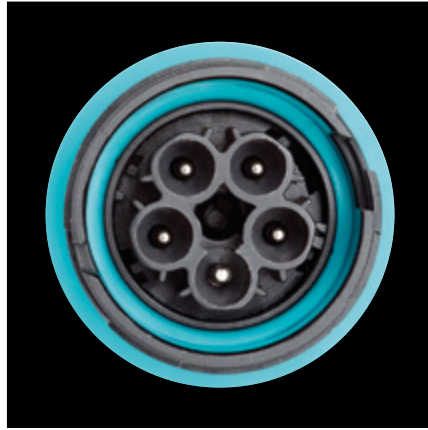
# Insulation Piercing Connectors

Time saving installation with special screw connection





**ERROR-PROOF**  
Anti-leakage gaskets



**TH405**  
**TH406**



**Plug & Socket Connector with safe-lock system**

Robust and safe



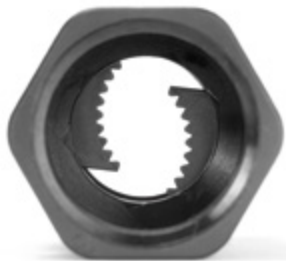
**SAFETY LOCK-UNLOCK SYSTEM**

Quick bayonet with safety lock-unlock system to avoid accidental disconnection. A tool must be used to release the connector.

Guarantee of electrical continuity against vibration and mechanical stress.



**MAXIMUM RESISTANCE TO TENSILE STRESS**



Under adverse installation conditions a special cable block-system ensures perfect resistance to stresses (e.g. tensile stress).



**PANEL-MOUNTED INSTALLATION**





**Robust Design**  
up to IK08 (IK10 Optional)



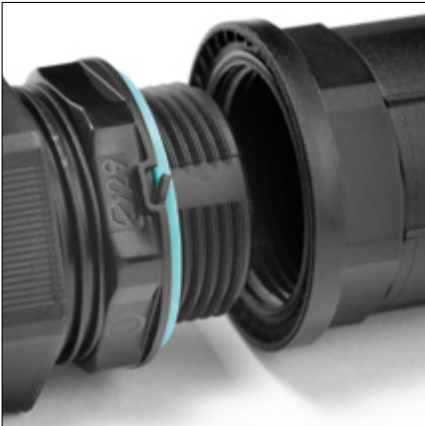
**CIRCULAR TERMINAL BLOCK**  
From 2.5 mm<sup>2</sup> to 6.0 mm<sup>2</sup>



**TH400**  
**TH402**  
**TH399**



**Circular Joint Solutions IP68**  
Connection up to 6mm<sup>2</sup>



**ANTI-ROTATION SYSTEMS  
AND TAMPER-EVIDENT SEAL**



Shows whether the product  
has been manipulated



**JUNCTION CONNECTORS**  
3 way



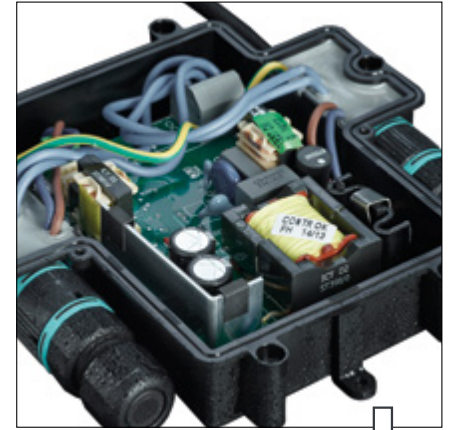
# Distribution box with Plug&Socket connectors



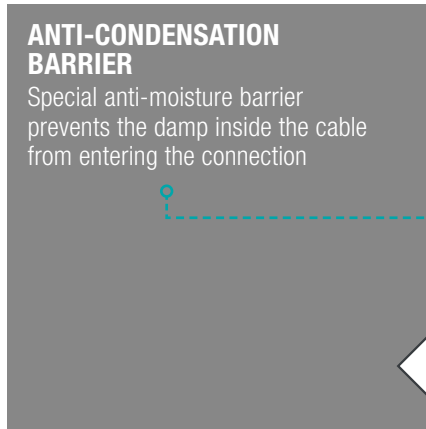
## TH210



**PLUG&SOCKET  
FUNCTIONALITY**

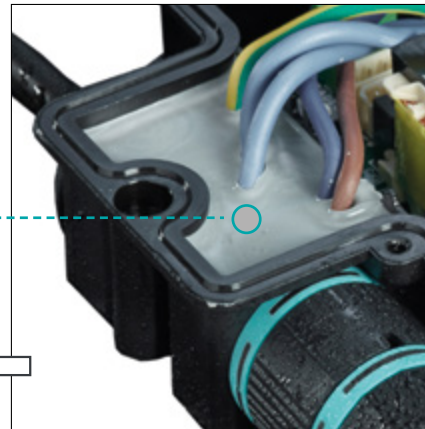


**TOTAL PROTECTION**  
of electronic components



**ANTI-CONDENSATION  
BARRIER**

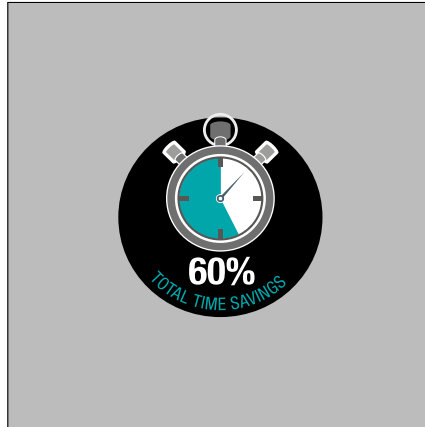
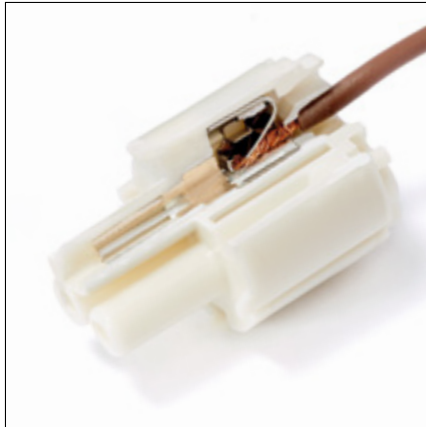
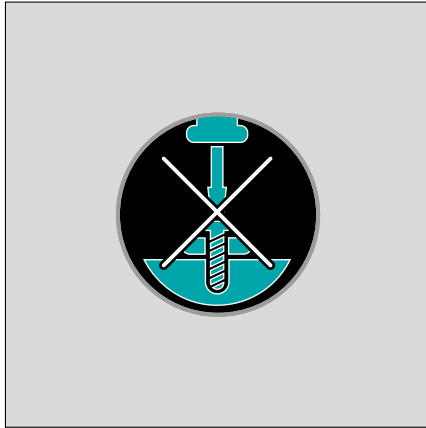
Special anti-moisture barrier prevents the damp inside the cable from entering the connection



**COMPACT SIZE**

External: 150mm x 150mm x 40mm  
Internal: 119mm x 83mm x 21mm





Screw less solution  
for time-saving installation



# TH405 TH406



**Plug&Socket connectors**  
with spring pressure connection



## TECHNO AR-EXTRA!

### Augmented Reality

experience inside!  
Go to [techno.it/ar](http://techno.it/ar)  
with your mobile and  
follow the instructions!



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MADE IN ITALY

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