PRODUCT FEATURES:

iAxis Dynamic is a durable and virtually maintenance free surface mounted luminaire suitable for a wide range of wall washing, accent, surface grazing and indirect lighting applications in architectural,hospitality and retail environments, it has multiple customization options to illuminate interior walls, exterior facades and unique architectural details. Confirms vibration standards for bridge applications. Designed to last in extremely harsh environments.

Intelligent BSIDW® Dynamic Tunable White, DMX or DALI controllable, easy to install with the integrated universal power supply and connect via combined power and data connectors.

RECOMMENDATIONS FOR THE USER:

1)Before the installation, make sure that there is no voltage.
2)Do not touch the fitting when it is working on / switched on
3)Do not look at the fitting directly or from a short distance.
4)Disconnect / switch off the fitting before changing the lamps

NOTES:

-Technical amendments are reserved.
-CE – Conformity mark
-The manufacturer is then discharged from liability when damage is caused by improper use or installation.
-Clean luminaire regularly with solvent-free cleansers from dirt and deposits. Do not use high pressure cleaners.

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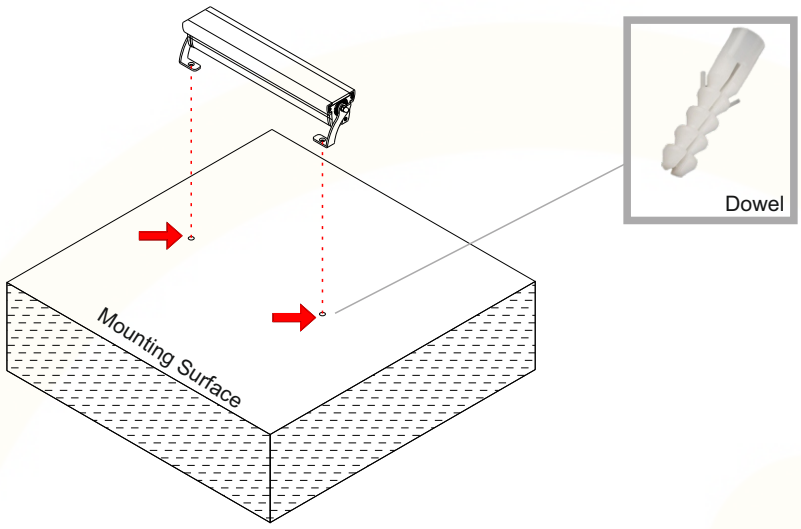
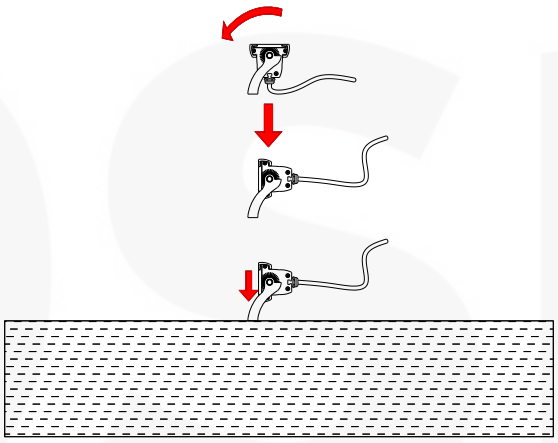
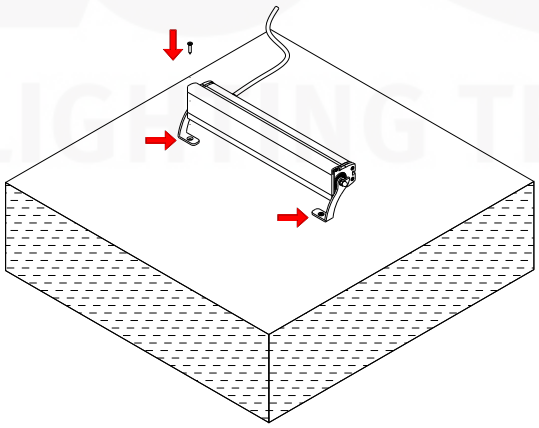
Mounting Surface : - Ceiling, - Wall, - Floor.

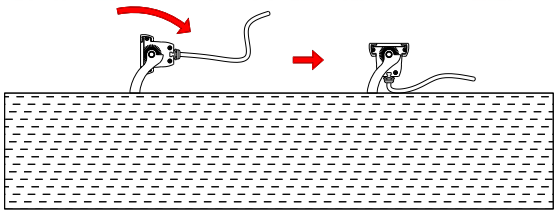
1) - Holes are drilled into the floor to coincide with the holes in the brackets of the luminaire.
   - The dowels coming out of the package are hammered into the holes.



2) -Position the luminaire as shown and place it in the holes on the mounting surface.
   -Tighten the bolts and turn the armature to the desired position.







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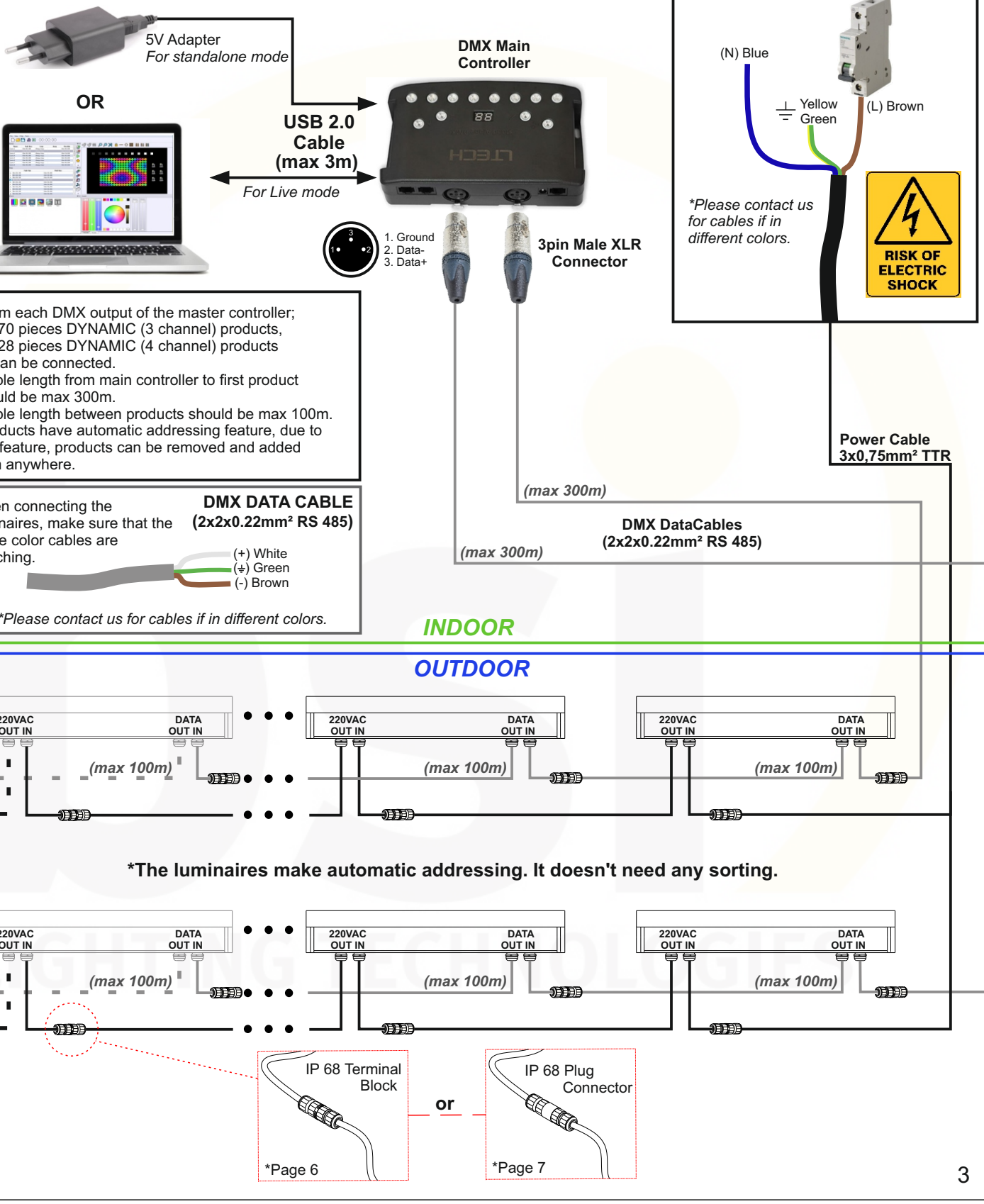
- DMX Main Controller is Ltech Brand for Connection and wiring Diagram;



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- DMX Main Controller is Madrix Brand for Connection and wiring Diagram;

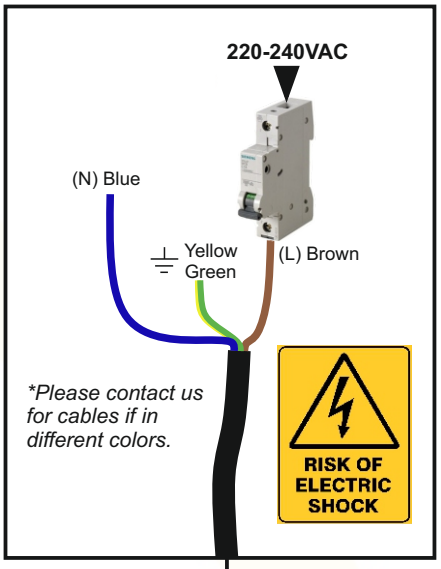
Ethernet Cable

100–240VAC

DMX Main Controller

5pin Male XLR Connector

1. Ground
2. Data-
3. Data+
4. Spare
5. Spare



- From each DMX output of the master controller;
  -170 pieces DYNAMIC (3 channel) products,
  -128 pieces DYNAMIC (4 channel) products
  can be connected.
- Cable length from main controller to first product should be max 300m.
- Cable length between products should be max 100m.
- Products have automatic addressing feature, due to this feature, products can be removed and added from anywhere.

When connecting the luminaires, make sure that the same color cables are matching.

DMX DATA CABLE (2x2x0.22mm² RS 485)

*Please contact us for cables if in different colors.

Power Cable 3x0,75mm² TTR

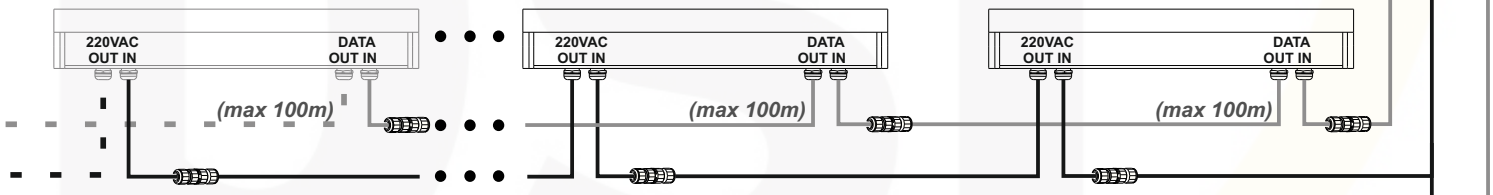
(max 300m)

DMX Data Cables (2x2x0.22mm² RS 485)

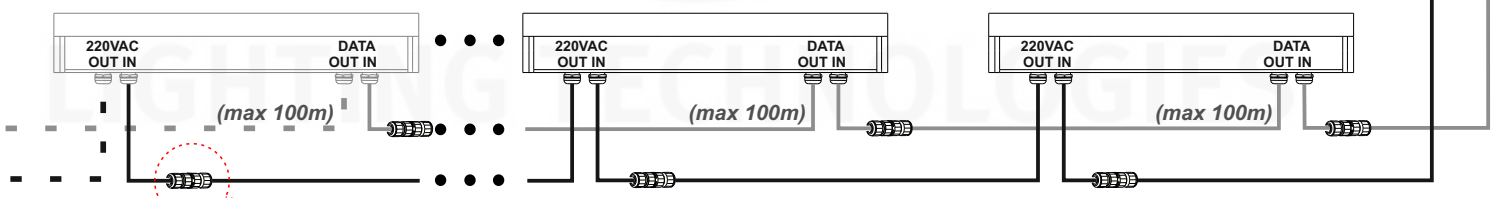
(max 300m)

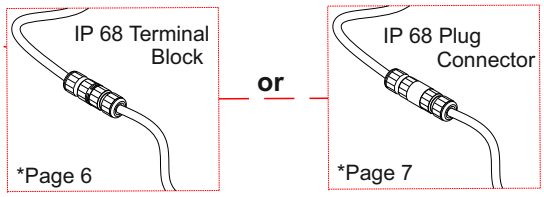
INDOOR

OUTDOOR



***The luminaires make automatic addressing. It doesn't need any sorting.**





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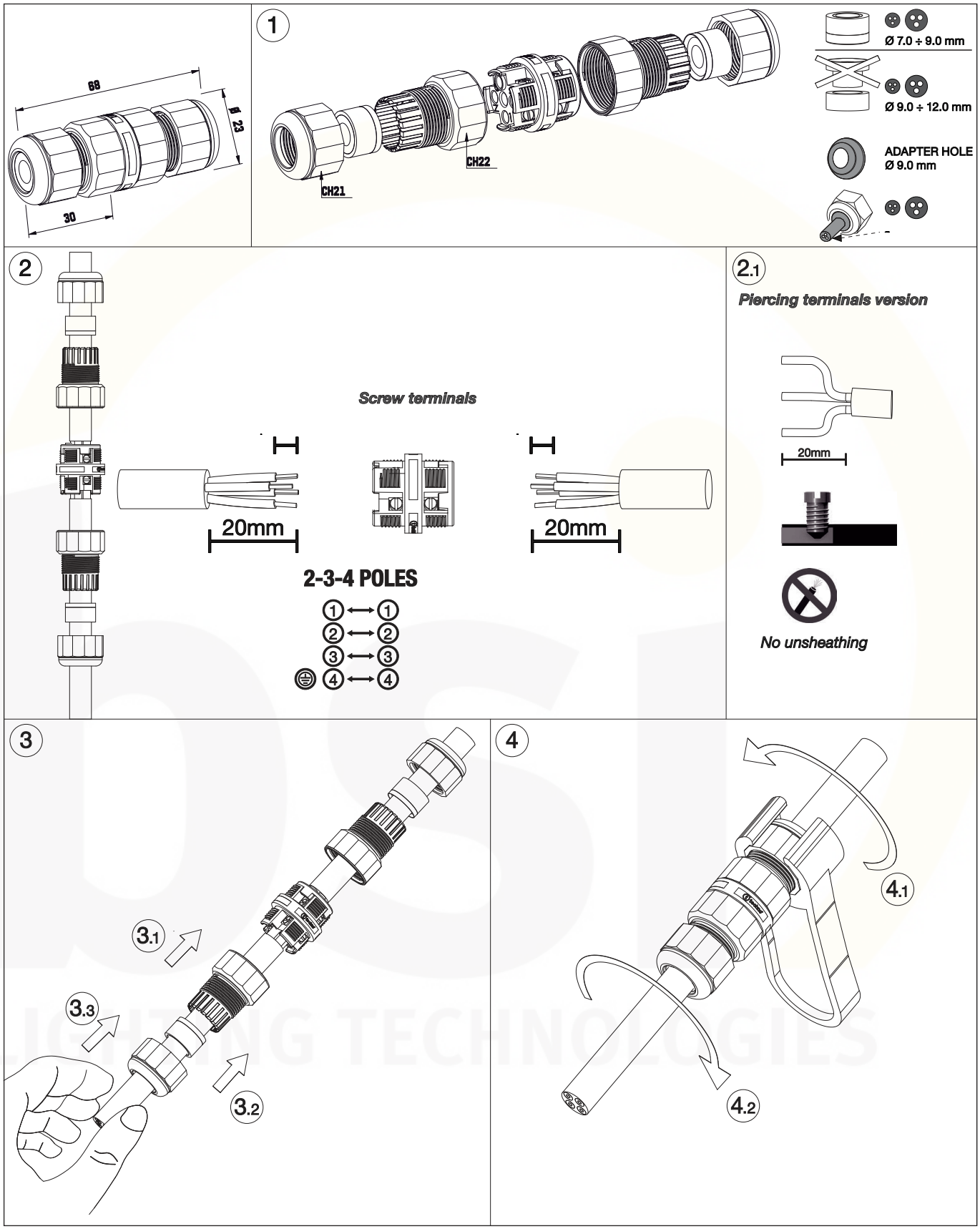

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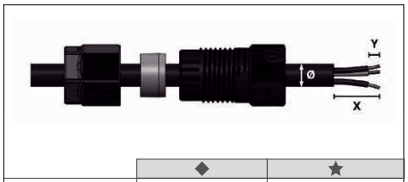

	◆	★
Cable	Ø 7.0 – 12.0 mm	Ø 7.0 – 13.5 mm
Insulator removal (X)	20 mm	25 mm
Peeling of the conductor (Y)	6 mm	6 mm

FIG. 1

Grommet / Adapter	Cable Ø min. - max.	
	◆	★
	2 - 3 - 4 - 5 poles	2 - 3 - 4 - 5 poles (.L)
	9.0 mm – 12.0 mm	9.0 mm – 13.5 mm
	7.0 mm – 9.0 mm	7.0 mm – 9.0 mm
	with 6000347LA 5.0 mm – 7.0 mm	with 6000087LF 6.0 mm – 7.0 mm

For cables with a smaller diameter, use the appropriate accessories (visit www.techno.it)

FIG. 1b

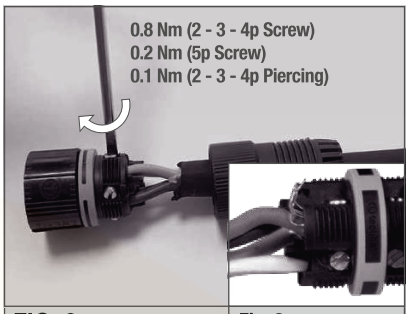

FIG. 2 | Fig. 2a

FIG. 3 | Fig. 3a

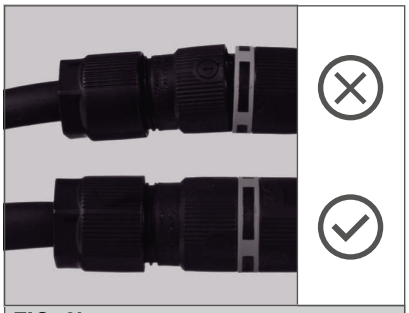

FIG. 3b

FIG. 4

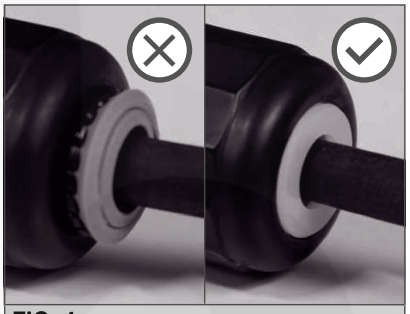

FIG. 4a

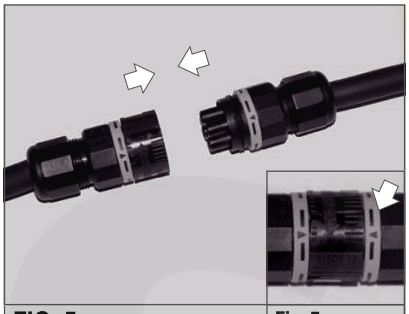

FIG. 5 | Fig. 5a

FIG. 6 | Fig. 6a

FIG. 1

- Remove the insulation from the cable and conductors according to the specifications indicated.
- Insert the cable through the nut, the grommet and the body of the cable gland.
- Check the correct use of the grommet with respect to the cable to be installed in the connector as indicated in **Fig. 1b**.

FIG. 2

- Insert the individual conductors into the connector terminals, making sure they are correctly positioned (**Fig. 2a** – example of incorrect installation).
- Turn the cable tightening screws clockwise (max. 0.2 Nm) for the 5 poles, (max. 0.8 Nm) for the 2 - 3 - 4 poles Screw and (max. 0.1 Nm) for Piercing versions.

FIG. 3

- Join the strain relief to the connector, then turn it clockwise (max. 2.0 Nm).
- Then, insert the grommet into the cable gland (**Fig. 3a** – in case of a double grommet, make sure to insert the grommet into the cable gland according to the correct orientation: the indicated ring must be visible).
- Make sure the cable gland is installed and screwed correctly onto the connector **(Fig. 3b)**.

FIG. 4

- Then, join the nut and rotate it clockwise using the quick tightening wrench (code 6000337BC - max. 2.5 Nm). The key will slip when you have reached the optimum torque.
- It is possible fix the nut also by using common use tools (24 mm – max. 2.5 Nm).

FIG. 4a

- Make sure that the grommet is correctly positioned after fixing the nut **(Fig. 4)**.

FIG. 5

- Make sure the correct orientation of the plug and socket connectors as indicated by the arrow **(Fig. 5a)**.
- Join the pre-wired connectors together, until reaching the limit switch ensuring correct coupling.

FIG. 6

- Manually clockwise rotate the fixing ring of the plug connector until a firm resistance to rotation is reached.
- Alternatively, rotate the ring clockwise with the use of a tool until the torque is reached (max. 1.0 Nm).

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Considerations

- Do not cut-off or damage the cables of the products supplied as sockets. Otherwise, water may enter to the luminaire through cable and damage the electronic parts inside.

- If you make the electrical connection, except for IP.68 Terminal Block - IP.68 Plug connector - IP.68 socket; the connections must be under IP protection. Otherwise, water may enter to the luminaire through cable and damage the electronic parts inside.

- The IP68 Connecting kits must be assembled in accordance with the installation instructions. Otherwise, water may enter to the luminaire through cable and damage the electronic parts inside.

- The luminaire should not be opened and screws should not be loosened. If you want to open the luminaire, please contact our company.

Out of Warranty Situations

- Opening the product or loosening the screws.

- Product last output cable is not protected IP67-IP68.

- Faulty electrical connection.

- Wrong IP68 socket-terminal block- plug connector connection. (Wrong opening of the cable length, fauly tightening the screws etc.)

- If the IP68 Connecting kits are under water.

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