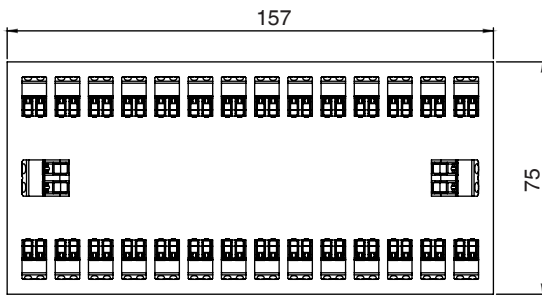


The BOXCON is ideal for connecting several devices in parallel with stable constant current power supply voltages up to 50V. It has 28 outputs to connect 1 mm cables. BOXCON uses quick connectors, push in type for power input with wire length up to 1.5 mm. It eliminates the need to use crimp connectors and wire to wire housing. BOXCON optimizes connection time. It has a maximum current of 6 A.

DIMENSIONS

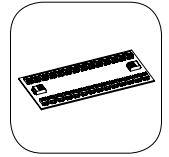


(*) Measured in mm

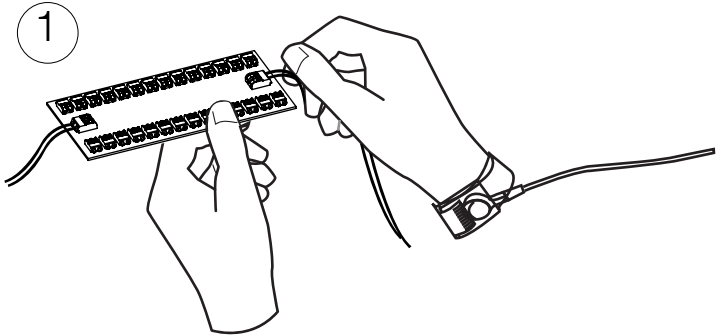


SPECIFIC TECHNICAL DATA

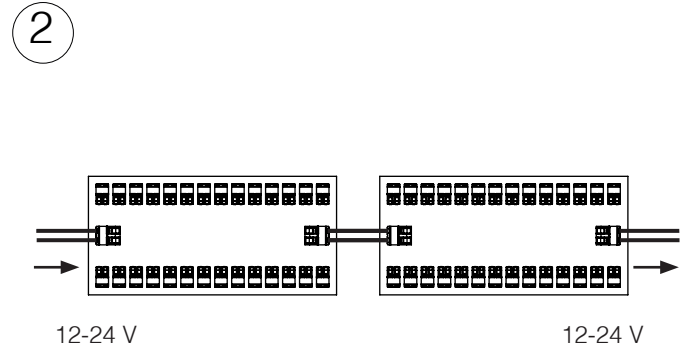
CODE	PLASTIC	SPECIFIC TECHNICAL DATA					MOQ (UNITY)
		CONTACTS	VOLTAGE (V)	MAX CURRENT (A)	WORKING TEMPERATURE (°C)		
31.70.001	V-0UL94	SILVER PLA	50 MAX	6	55	1-5	



INSTALLATION AND CONNECTION EXAMPLE



1
Introduce luminaire wire in the Push-In connector, pressing slightly the connector's flap as shown in the above image. Protect and connect yourself with (*) ESD protection.



2
Place the power supply wires inside the main board connectors as shown in the above image. Repeat to connect many BOXCON with each other. Check cables polarity in detail to avoid short circuits or devices malfunction.

SECURITY AND INSTALLATION INFORMATION



MOUNTING AND INSTALLATION

I+D LED S.L. is not responsible for the installation of the product. BOXCON must be perfectly placed and attached (and/or stick) on the desired spot isolated from conductive components. I+D LED S.L. is not responsible for occasional damage, break, short circuit or related malfunction derived from unappropriated installation or connection of the wires and its polarities.

If any type of chemical substance is used during the assembly of the luminaire or light engine, it must not have any type of curing by means of gas condensation; as these chemical substances may damage the LEDs and electronic components.

The module will be delivered in individual boxes.



TEMPERATURE

BOXCON life-time depends to a great extent on operating temperature. Under no circumstance temperature should exceed the maximum permissible ($T_c=55^\circ\text{C}$) limit here indicated. Exposure to higher temperatures might affect its long term proper functioning. Room temperature must be measured under worst-case conditions to ensure life-time and keep product's guarantee.