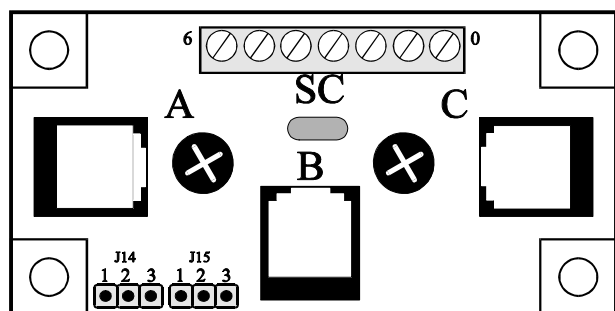


# TCONN6J000

## Installation guide

TCONN6J000 is a T-derivator with telephone connectors used in the local network facility of pCO. Hereafter hints for a proper installation are described; for further details refer to the technical manual of the local network.



Terminal screw conn.	Pin telephone conn.	Meaning
0	=	earth (braiding of shielded wire)
1	1	+VRL=30V $\overline{=}$
2	2	GND
3	3	Rx-/Tx-
4	4	Rx+/Tx+
5	5	GND
6	6	+VRL=30V $\overline{=}$

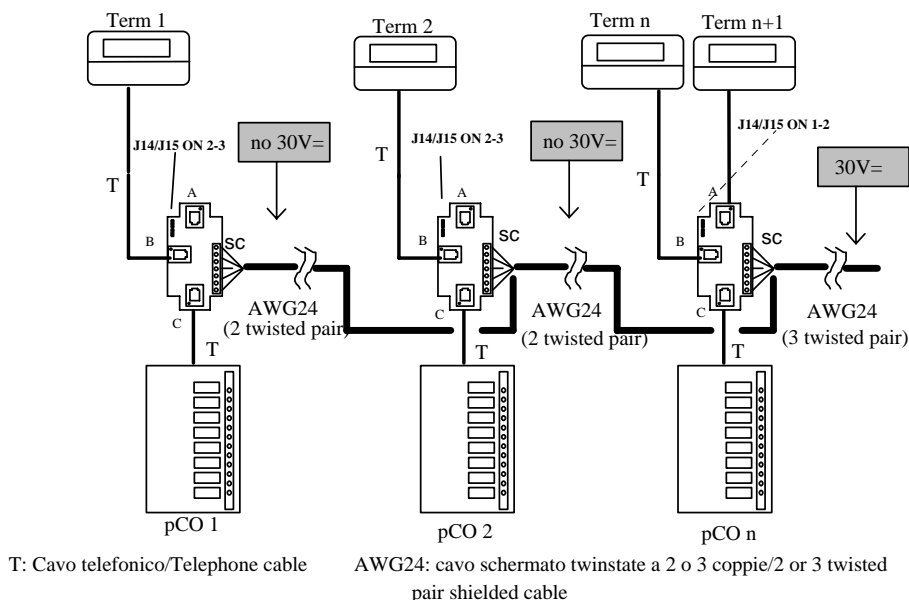
pCO terminal is supplied at 30V  $\overline{=}$  directly by the main board; using the derivator it is necessary to take care to the path of this 30V  $\overline{=}$  to avoid any twin power supply reaching the terminal. For this purpose act on jumper J14 and J15. By means of these two jumpers, it is possible to interrupt the direct current from the power supply:

**J14 and J15 set between 1-2:** the three telephone connectors (A, B and C) and the screw connector (SC) are linked in parallel. The power supply, in this way, is available in all connectors.

**J14 and J15 set between 2-3:** the two telephone connectors (B e C) are still in parallel, but line 1 and line 6 (actually, as on the table, the power supplies) don't reach connector A and the screw connector SC; for this reason, devices connected to these two terminals are not supplied.

If power supply is required in all connectors, both jumpers J14 and J15 must be set between 1 and 2; if the two jumpers are set in different position, the derivator does NOT work.

In the following figure there is an example of wiring diagram of the local network (pLAN):



**NOTE:** when a shielded cable is used, the metallic case of the derivator must be earthed, possibly mounting it directly on the structure of the electrical panel, near pCO main board.

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