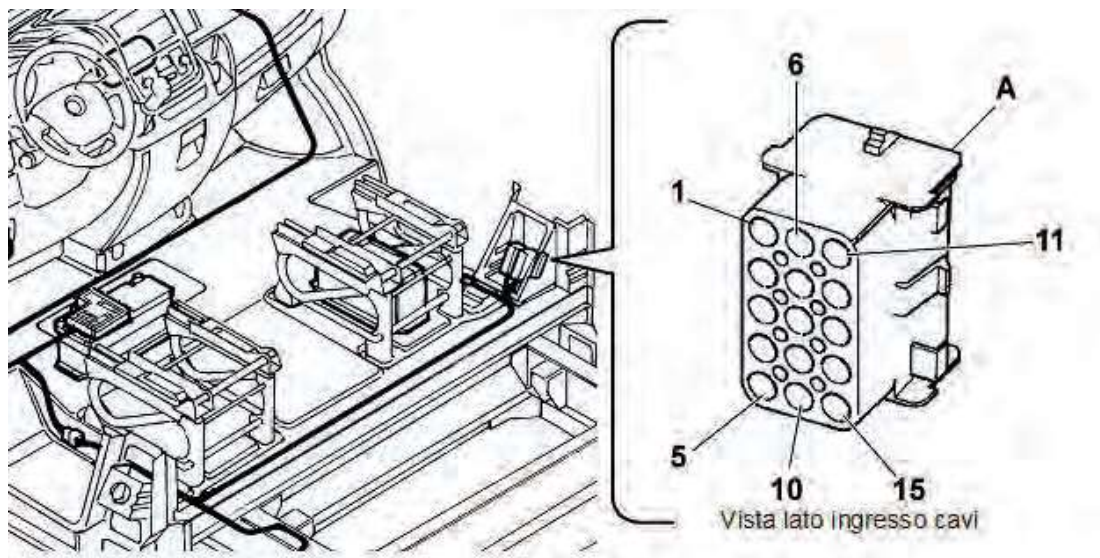


Connectors provided

Connector C036 L1A (15-way) – Coach-builder's socket 3D view of connector

Figure 8



Description of connector functions

Pin	Function/Connector part number	Minimum cable section [mm ²]	cable colour	Notes
	15-way Tyco connector p/n 0-926647-1 Counterpart: Tyco p/n 1-480710-0 (by coach builder)			Reference to diagram C036-L1A
1	Third stop light	0,5	B	$PM_{AX} = 21W$ at 12V (in alternative to the one on Y203L4A)
2	D+ (active at ground)	0,35	MN	$I_{MAX} = 300mA$ (1 Fiat Chrysler Automobiles S.p.A. standard relay coil)
3	Vehicle speed repeater (VSO)	0,35	MV	$I_{MAX} = 5mA$ (see Figure 11)
4	Door lock control	1,5	RN	$I_{MAX} = 12A$ (for actuation times see Table 1)
5	Door unlock control	1,5	NR	$I_{MAX} = 12A$ (for actuation times see Table 1)
6	Side and rear door status signal	0,35	NZ	Use an N.O. to ground switch (minimum clean contact current 10 mA)
7	Driver 20W SBMT#1 timed ceiling light power supply	0,35	RV	Power supply (+) for timed ceiling light, 15' with key-off ($PMAX = 20W$ at 12V)
8	Ceiling light negative control (dimmer)	0,75	BV	Ceiling light control (-) $P_{MAX} = 20W$ at 12V
9	B-CAN Low	0,35	B	Fitting for Fiat Chrysler Automobiles S.p.A. accessory line anti-theft ⁽¹⁾
10	B-CAN High	0,35	L	Fitting for Fiat Chrysler Automobiles S.p.A. accessory line anti-theft ⁽¹⁾
11	Side markers negative control relay	0,5	GR	$I_{MAX} = 300 mA$ (1 Fiat Chrysler Automobiles S.p.A. standard relay coil)
12	A/C request	0,5	GV	Air conditioner on positive signal $I_{MAX} = 300 mA$ (1 Fiat Chrysler Automobiles S.p.A. standard relay coil)
13	Key-on power (+KEY) from F49	0,35	LG	$I_{MAX} = 600 mA$ (2 Fiat Chrysler Automobiles S.p.A. standard relay coils)
14	Auxiliary heater positive control	0,35	MV	$I_{MAX} = 600 mA$ (2 Fiat Chrysler Automobiles S.p.A. standard relay coils)
15	Not connected	-	-	-

⁽¹⁾ not for use with other applications