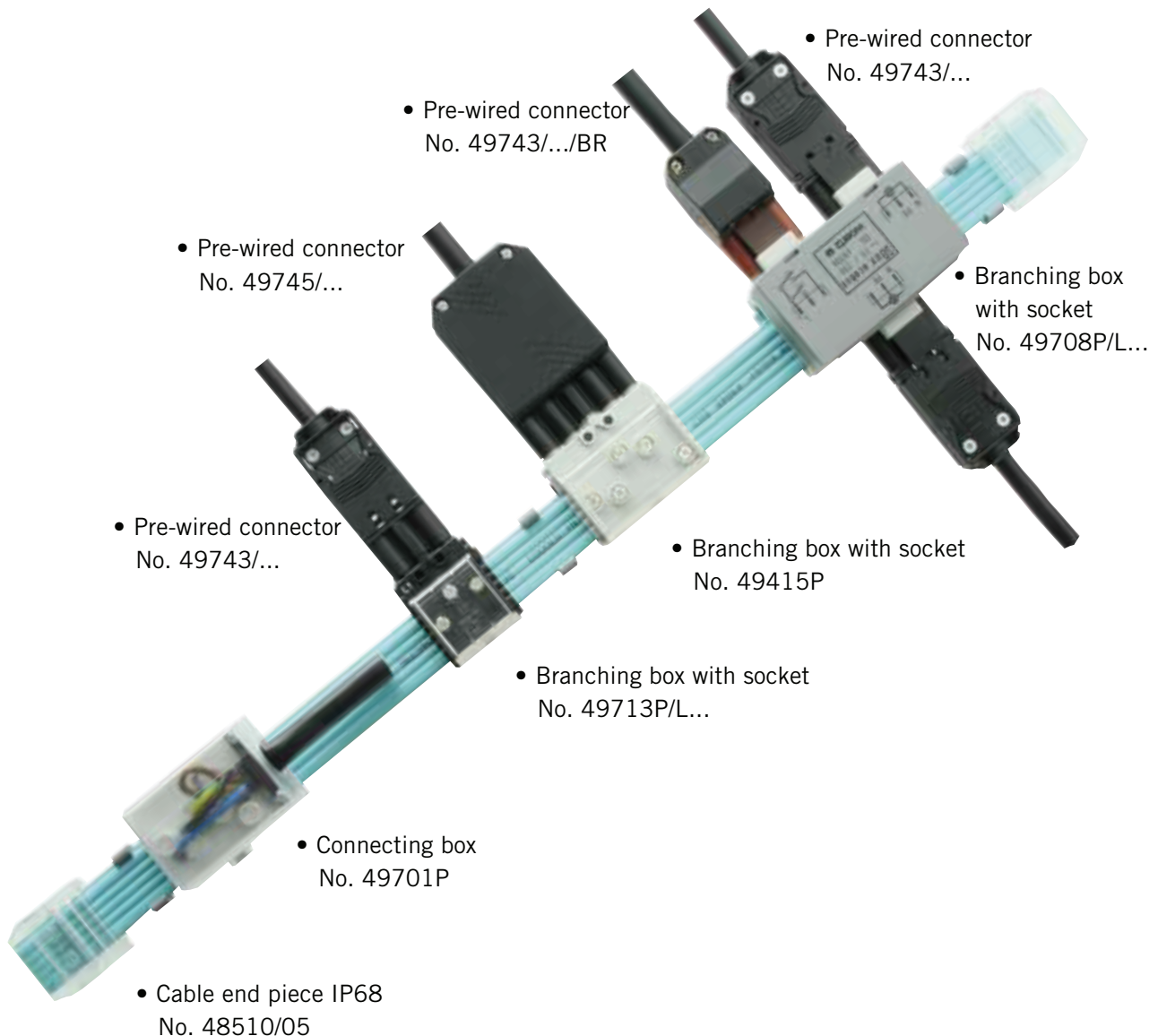


Woertz power 5G2.5 mm²



CABO Elèctric S.L.
C/Industria, 20 Pol. Ind. Buvisa
08329 Teià - Barcelona (Spain)
T +34 935 402 544
administracion@caboelectric.com
www.caboelectric.com

Boxes placed wherever you want.
Displaced whenever you need!















Where are these flat cables used?

- in offices
- in supermarkets and shopping centres
- in museums and exhibitions
- for the lighting of platforms on railway stations and car parks
- for light industry
- for temporary lighting installations on sites

Flat cable enables installations to be completed easily with further connections.

Woertz power 5G2.5 mm²

flat cable 5G2.5 mm²

	PVC		halogen-free	
	No.	Eldas-No.	No.	Eldas-No.
	 49845	113 383 804	 49846	113 383 904
	 49845RT		 49846GR	
	 49845SW		 49846RT	
	 49845WS		 49846SW	
	 49845/SM*	113 383 814	 49846WS	
			 49846/SM*	113 383 954
3 L+N+PE	* on request			







Technical data

Dimension	mm	24×6	24×6
Weight	g/m	259	247
Fire load	kWh/m	0.778	1.28
No. of leads x cross-section	mm ²	5×2.5	5×2.5

High current part

Copper conductors		tinned, highly flexible	tinned, highly flexible
Insulation of the leads		PVC	vulcanized, and flame retardant polyethylene
Colour of the leads		grey, black, brown, blue, green/yellow	grey, black, brown, blue, green/yellow
Cross-section	mm ²	2.5	2.5
Test voltage	kV / Hz	4 / 50	4 / 50
Rated voltage	kV	0.6/1	0.6/1
DC-resistance	Ω/km	7.98	7.98
Cu weight	kg/km	120	120

Junction box to flat cable No. 49845 and 49846

Junction box		Technical data			
No. 49701P	Eldas-No. 150 776 037	LxWxH mm	58x41x39		
		Fire load kWh	0.33		
		Cross-section mm ²	5x2.5		
		Connecting capacity Ø	3.75		
		Rated voltage V	690		
		Max. rated current max. A	16		
		Packing unit pce.	50		
		Degree of protection	IP20		
		with screw-type connection for supply and branching no need to strip the insulation		Plastic parts: halogen-free Metal parts: corrosion-resistant	
		tightening torque Nm (Pointed screws)		0.7	
		screwdriver No.		1	
		tightening torque Nm (Clamping screws)		0.7	
screwdriver No.		1			
Junction box		Technical data			
No. 49901	Eldas-No. 150 708 037	LxWxH mm	95x40x27		
		Fire load kWh	0.33		
		Cross-section for 1 round cable bis mm ²	5x2.5		
		Cross-section for 1 flat cable bis mm ²	5x2.5		
		Rated voltage V	500		
		Max. rated current max. A	16		
		Packing unit pce.	25		
		Degree of protection	IP20		
		with screw-type connection for the connection of 2 cables or supply at the end of the cable		Plastic parts: halogen-free Metal parts: corrosion-resistant	
		tightening torque Nm		0.7	
		screwdriver No.		1	
		Junction box flat execution		Technical data	
No. 49703P	Eldas-No. 150 701 017	LxWxH mm	96x60x23		
		Fire load kWh	0.38		
		Connecting capacity Ø mm	6-13		
		Spring clamp terminals	2/Pol		
		Rated voltage V	690		
		Max. rated current max. A	16		
		Cross-section mm ²	(2x) 5x2.5		
		Packing unit pce.	50		
		Degree of protection	IP20		
		for supply and branching, no need to strip the insulation, flat execution 3P+N+PE		for two flexible round cable of PVC up to 5x1.5 mm ² with end sleeves for strands or rigid round cables up to 5x2.5 mm ²	
		Plastic parts: halogen-free Metal parts: corrosion-resistant		tightening torque Nm	
				0.7	
		screwdriver No.	1		
Branching box with socket		Technical data			
No. 49713P/L1 49713P/L2 49713P/L3	Eldas-No. 150 710 137 150 710 237 150 710 117	LxWxH mm	34.5x57.5x25.7		
		Fire load kWh	0.18		
		socket	type GST18i3 code 1		
		Rated voltage V	250		
		Max. rated current max. A	16		
		Packing unit pce.	50		
		Degree of protection	IP20		
		3-pole		lateral connection	
		Plastic parts: halogen-free Metal parts: corrosion-resistant		tightening torque Nm	
				0.7	
				screwdriver No.	1
				<i>Pre-wired connectors see page 78</i>	
Branching box with socket		Technical data			
No. 49413P	Eldas-No. 150 710 127	LxWxH mm	48x40x34		
		Fire load kWh	0.32		
		socket	type GST18i3 code 1		
		Rated voltage V	250		
		Max. rated current max. A	16		
		Packing unit pce.	25		
		Degree of protection	IP20		
		3-pole with phase selection		longitudinal connection	
		Plastic parts: halogen-free Metal parts: corrosion-resistant		tightening torque Nm	
				0.7	
				screwdriver No.	1
				<i>Pre-wired connectors see page 78</i>	
Branching box with socket		Technical data			
No. 49715P	Eldas-No. 150 710 337	LxWxH mm	54x57.5x25.7		
		Fire load kWh	0.27		
		socket	type GST18i5 code 1		
		Rated voltage V	250/400		
		Max. rated current max. A	16		
		Packing unit pce.	50		
		Degree of protection	IP20		
		5-pole		lateral connection	
		Plastic parts: halogen-free Metal parts: corrosion-resistant		tightening torque Nm	
				0.7	
				screwdriver No.	1
				<i>Pre-wired connectors see page 78</i>	



Woertz power 5G2.5 mm²









CABO Elèctric S.L.
 C/Industria, 20 Pol. Ind. Buvisa
 08329 Teià - Barcelona (Spain)
 T +34 935 402 544
 administracion@caboelectric.com
www.caboelectric.com

Flat cables 1.5 - 16 mm²

Junction box to flat cable No. 49845 and 49846

Junction box SBox		Technical data		
No.	Eldas-No.	LxWxH mm	74x67x37	for lighting installations with I/O switch or impulse switch Plastic parts: halogen-free Metal parts: corrosion-resistant tightening torque Nm 0.7 screwdriver No. 1 <i>Pre-wired connectors see page 77/78</i>
49705P/L1	150 711 317	Fire load kWh	0.51	
49705P/L2	150 711 337	Colour of box L1/L2/L3	l'grey/d'grey/black	
49705P/L3	150 711 357	Socket switch	type GST18i3 code 4 (brown)	
		Socket lamps	type GST18i3 code 1	
		Rated voltage V	250	
		Max. rated current max. A	16	
		Packing unit pce.	50	
		Degree of protection	IP20	
Junction box SBox		Technical data		
No.	Eldas-No.	LxWxH mm	74x67x37	for lighting installations with I/O switch or impulse switch Plastic parts: halogen-free Metal parts: corrosion-resistant tightening torque Nm 0.7 screwdriver No. 1 <i>Pre-wired connectors see page 77/78</i>
49706P/L1	150 712 317	Fire load kWh	0.51	
49706P/L2	150 712 337	Colour of box L1/L2/L3	l'grey/d'grey/black	
49706P/L3	150 712 357	Socket switch	type GST18i3 code 4 (brown)	
		Socket lamps	type GST18i3 code 1	
		Rated voltage V	250	
		Max. rated current max. A	16	
		Packing unit pce.	50	
		Degree of protection	IP20	
Junction box SBox		Technical data		
No.	Eldas-No.	LxWxH mm	74x88x37	for lighting installations with changeover contact Plastic parts: halogen-free Metal parts: corrosion-resistant tightening torque Nm 0.7 screwdriver No. 1 <i>Pre-wired connectors see page 77/78</i>
49707P/L1	150 713 317	Fire load kWh	0.54	
49707P/L2	150 713 337	Colour of box L1/L2/L3	l'grey/d'grey/black	
49707P/L3	150 713 357	Socket switch	type GST18i3 code 4 (brown)	
		Socket lamps	type GST18i3 code 1	
		Rated voltage V	250	
		Max. rated current max. A	16	
		Packing unit pce.	50	
		Degree of protection	IP20	
Junction box SBox		Technical data		
No.	Eldas-No.	LxWxH mm	74x88x37	for lighting installations with series connection Plastic parts: halogen-free Metal parts: corrosion-resistant tightening torque Nm 0.7 screwdriver No. 1 <i>Pre-wired connectors see page 77/78</i>
49708P/L1	150 714 317	Fire load kWh	0.54	
49708P/L2	150 714 337	Colour of box L1/L2/L3	l'grey/d'grey/black	
49708P/L3	150 714 357	Socket switch	type GST18i3 code 4 (brown)	
		Socket lamps	type GST18i3 code 1	
		Rated voltage V	250	
		Max. rated current max. A	16	
		Packing unit pce.	50	
		Degree of protection	IP20	
Cable end piece		Technical data		
No.	Eldas-No.	LxWxH mm	40x36x16	of polycarbonate, halogen-free; silicone gel Note: Cut neatly both ends of the cable before mounting the end pieces. No need to strip the cable. Cable end piece may only be mounted once.
48510/05	120 900 40	Weight g	14.3	
		Fire load kWh	n.a.	
		Packing unit pce.	5	
		Degree of protection	IP68	

Accessories

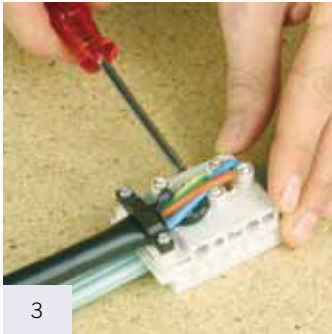
Clamp for screwing on		Technical data	
No. 49731	Eldas-No. 120 008 107	LxWxH mm Weight g Fire load kWh Packing unit pce.	52x10x10 2 0.02 100
		for cable fastening of polyamide 6.6, halogen-free	
Cable fastening clamp		Technical data	
No. 49733 49733A	Eldas-No. 150 900 117 150 900 107	LxWxH mm Weight g Fire load kWh Packing unit pce.	40x15x15 3.7 0.03 100
		49733 for screwing on 49733A for sticking on of polyamide 6.6, halogen-free	
Clamp		Technical data	
No. 49735		LxWxH mm Packing unit pce.	10x51x1 10
		Innxlv48	
Shears		Technical data	
No. 49930	Eldas-No. 983 045 007	Weight g Packing unit pce.	223 1
		For cutting neatly and easily every type of flat cables (max. width 32mm). With sliding anvil. Teflon coated blades.	
Cable stripping tool			Cable stripping tool to feeding box 49901, 9052
No. 49933	Eldas-No. 983 050 627		
Insulating tape		Technical data	
No. 49960	Eldas-No. 171 013 004	LxWxH mm Weight g Dielectric strength max. kV/mm Temperature max. °C Packing unit pce.	102x100x2.3 33 23 +70 10
		To reinsulate correctly the holes due to pointed screws or cutting teeth when removing or displacing connections. Weatherproof, self-fusing	
Spacer with clips		Technical data	
No. 49738P	Eldas-No. 150 901 027	Packing unit pce.	10
		Suitable for connecting boxes for lighting installations To fix the boxes on a surface.	



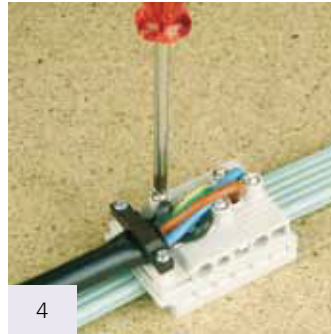
Place the junction box on the flat cable - the different lugs prevent the box from incorrect mounting.



Push on the baseplate (light green). In case of incorrect mounting the bottom part of the box cannot be fitted with normal force.



Introduce the round cable into the flat cable box. Tighten the strain relief clamp to maintain the round cable.



Turn in the pointed screws as far as they will go.



Clip the hood.
The mounting procedure may also occur in a changed order: 3, 1, 2, 4, 5.



To release the hood, insert a screwdriver in the slit provided for the purpose and lift slightly.



The overcurrent protection devices will be chosen in relation to the length of installed cables so that response time conform to specifications in case of malfunction.

Possibility of pre-wiring: the installation becomes more rational!

On request, the connectors may be provided in advance with round outgoing cables.

On the building site the pre-wired boxes have only to be positioned - sockets and lighting circuits will be ready to function in a matter of seconds - to your advantage

