

Woertz 7G2.5 mm² and Woertz 7G4 mm²



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The advantage of a higher protection degree and a wider field of application.



• Clamp
No. 49731

• Connector 7-pole
No. 49626

• Junction box 7-pole
No. 49613

• Cable end piece IP65
No. 49620

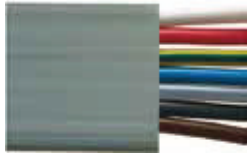
Where are these flat cables used?

- for the industrial automation
- 5 conductors for supply voltage 3L+N+PE and 2 conductors for low voltage 24V/48V or control voltage 230VAC.

Woertz 7G2.5 mm²

flat cable 7G2.5 mm²

PVC		halogen-free	
No.	Eldas-No.	No.	Eldas-No.
■ 49600	113 288 780	■ 49601	113 298 780



5L+N+PE

Technical data

Dimensions	mm	35x6	35x6
Weight	g/m	402	401
Fire load	kWh/m	1.31	2.02
No. of leads x cross-section	mm ²	7x2.5	7x2.5

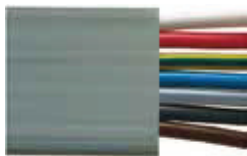
High current part

Copper conductors		tinned, highly flexible	tinned, highly flexible
Insulation of the leads		PVC	flame retardant polyethylene
Colour of the leads		brown/black/grey/blue/green-yellow/red/white	brown/black/grey/blue/green-yellow/red/white
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	8.21	8.21
Cu weight	kg/km	168	168

Woertz 7G4 mm²

flat cable 7G4 mm²

PVC		halogen-free	
No.	Eldas-No.	No.	Eldas-No.
		■ 49401	



5L+N+PE

Technical data


Dimensions	mm		35x6
Weight	g/m		491
Fire load	kWh/m		1.98
No. of leads x cross-section	mm ²		7x4

High current part


Copper conductors			tinned, highly flexible
Insulation of the leads			flame retardant polyethylene
Colour of the leads			brown/black/grey/blue/green-yellow/red/white
Cross-section	mm ²		4
Test voltage	kV / Hz		4 / 50
Rated voltage	kV		0.6/1
DC-resistance	Ω/km		5.09
Cu weight	kg/km		270


Woertz 7G2.5 mm² and 7G4 mm²

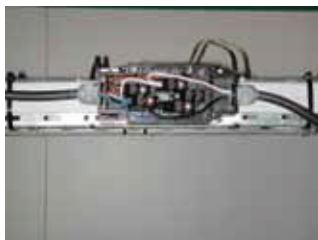
Junction box to flat cable No. 49600, 49601 and 49401

Junction box 7-pole		Technical data			
No. 49613	Eldas-No. 150 077 037	LxWxH mm	172x57x60	for supply and branching without wire stripping with 1 outlet M25x1.5	
		Weight g	350		
		Fire load kWh	1.68		
		Connecting capacity mm	2.8x3.8		
		Rated voltage V	250/400		
		Max. rated current max. A	16		
		Plastic parts	halogen-free		
		Metal parts	corrosion-resistant		
		Packing unit pce.	5		
					tightening torque Nm (Pointed screws)
				screwdriver No.	1
				tightening torque Nm (Clamping screws)	0.7
				screwdriver No.	1
				Degree of protection	IP65

Connecting base and connector to flat cable No. 49600, 49601 and 49401

Connecting base		Technical data			
No. 49611	Eldas-No. 150 077 437	LxWxH mm	135x57x53	to Connector No. 49626	
		Weight g	200		
		Fire load kWh	0.83		
		Rated voltage V	250/400		
		Max. rated current max. A	16		
		Plastic parts	halogen-free		
		Metal parts	corrosion-resistant		
		Packing unit pce.	5	tightening torque Nm	0.7
		Degree of protection	IP65	screwdriver No.	1

Connector 7-pole		Technical data		
No. 49626	Eldas-No. 150 977 437	LxWxH mm	83x56x73	with 1 outlet M25x1.5 to connecting base No. 49611
		Weight g	160	
		Fire load kWh	0.47	
		Rated voltage V	250/400	
		Max. rated current max. A	16	
		Plastic parts	halogen-free	
		Metal parts	corrosion-resistant	
		Packing unit pce.	5	
		Degree of protection	IP65	





Cable gland (to be ordered separately)

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Accessories

Cable end piece		Technical data		
No. 49620	Eldas-No. 150 901 137	LxWxH mm 62x23x53	Weight g 32	of polycarbonate, halogen-free
		Fire load kWh 0.22	Packing unit pce. 10	Before mounting the cable, first strip it at both ends for a distance of 19 mm so that the specified creepage distance will be observed.
		Degree of protection IP65		
Clamp		Technical data		
No. 49731	Eldas-No. 120 008 107	LxWxH mm 52x10x10	Weight g 2	for cable fastening
		Fire load kWh 0.02	Packing unit pce. 100	of polyamide 6.6, halogen-free
Cable stripping tool		Technical data		
No. 49623	Eldas-No. 983 053 107	Weight g 273	Packing unit pce. 1	This tool offers the advantage of stripping neatly and easily the cable without damaging the insulation of the conductors.
				Note: The cable has to be stripped at both ends for a distance of 19mm so that the conductors can be inserted properly in the end pieces..
Shears		Technical data		
No. 49930	Eldas-No. 983 045 007	Weight g 223	Packing unit pce. 1	For cutting neatly and easily every type of flat cables (max. width 32mm).
				
Insulating tape		Technical data		
No. 49632	Eldas-No. 150 901 147	LxWxH mmxm 50x1	Weight g 50.1	To reinsulate correctly the holes due to pointed screws or cutting teeth when removing or displacing connections.
		Dielectric strength max. kV/mm 18	Temperature max. +70 °C	Weatherproof, self-fusing
		Packing unit m 1		
Protection cover		Technical data		
No. 49627	Eldas-No. 150 900 907	Weight g 15.5	Fire load kWh 0.16	Cover IP65 to connecting base No. 49611
		Packing unit pce. 5		halogen-free