

S - TYPE CONNECTORS



GENERAL INFORMATION

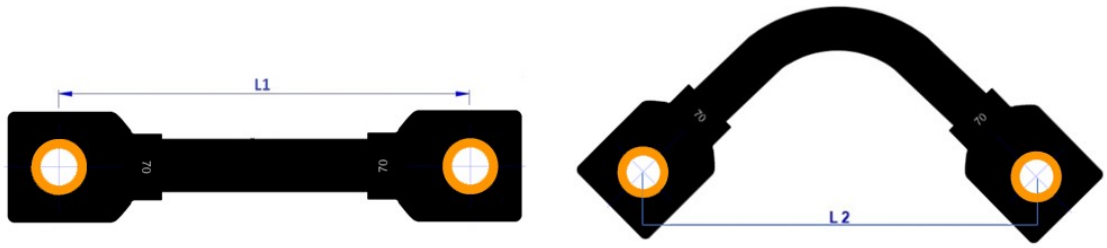
S type battery connectors are flexible products that allow the traction battery cells to be connected to each other. S type battery connectors are assembled to the battery cells with a specially insulated bolt that does not require a cover. S-type connectors are specially designed for use also in challenging environments

FEATURES

- ❖ High current carrying capacity
- ❖ High flexibility
- ❖ High impermeability (Thanks to special cable insulation and injection materials)
- ❖ Standard products comply with GWT 650(IEC 60695-2-11).
- ❖ There is also VO UL94 / GWT 750 version in order to use in the environments where heat resistance is expected to be high (Mining etc.)
- ❖ Usage in challenging environments
- ❖ Terminal pull-out force complies with MIL-T 7928
- ❖ 100% resistance control and marking
- ❖ Insulation resistance > 1000 MΩ (Under 500 VDC)
- ❖ Protection rating is IP55 (IEC 60529-1)
- ❖ %99.9 Copper terminals

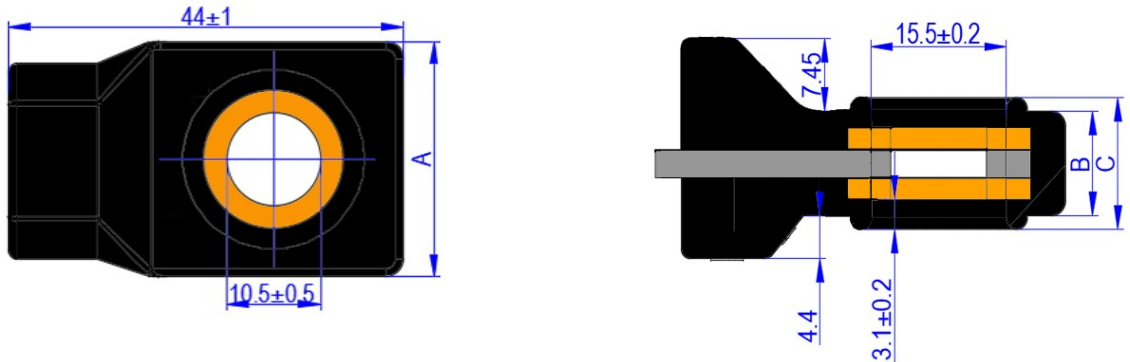
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FLEXIBILITY TABLE



Minimum flexibility length(L2) table according to the connector length(L1)							
Connector Type:	Cable Section:	L2					
		L1: 85mm	L1: 95mm	L1: 110mm	L1: 130mm	L1: 150mm	L1: >150mm
S Type (Ferrule)	25mm ²	45 mm	30 mm	30 mm	30 mm	30 mm	30 mm
	35mm ²	45 mm	30 mm	30 mm	30 mm	30 mm	30 mm
	50mm ²	50 mm	40 mm	30 mm	30 mm	30 mm	30 mm
	70mm ²	-	-	40 mm	35 mm	35 mm	35 mm
	95mm ²	-	-	55 mm	45 mm	45 mm	45 mm

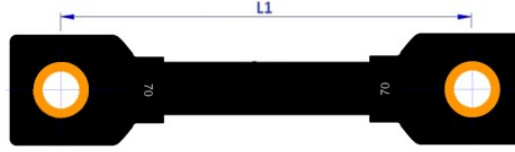
DIMENSIONS (mm)



CABLE SECTION	A	B	C
25mm ²	24.4±0.5	7.5±0.2	10.4±0.2
35mm ²	26.5±0.5	8±0.2	10.8±0.2
50mm ²	29.7±0.5	8.8±0.2	11.6±0.2
70mm ²	31.1±0.5	9.8±0.2	12.6±0.2
95mm ²	34.5±0.5	10.8±0.2	13.5±0.2

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Product List



<u>Product code</u>	<u>Cable Section</u>	<u>L1(m)</u>
MEKN760000 16	25mm ²	75
MEKN760000 17	25mm ²	95
MEKN760000 18	35mm ²	85
MEKN760000 00	35mm ²	95
MEKN760000 01	35mm ²	110
MEKN760000 19	35mm ²	130
MEKN760000 02	50mm ²	95
MEKN760000 03	50mm ²	110
MEKN760000 12	50mm ²	130
MEKN760000 15	50mm ²	150
MEKN760000 04	70mm ²	95
MEKN760000 05	70mm ²	110
MEKN760000 20	70mm ²	130
MEKN760000 11	95mm ²	95
MEKN760000 06	95mm ²	110
MEKN760000 08	95mm ²	130
MEKN760000 07	95mm ²	750

* Please contact us for different length and cable section requests.