

F - TYPE Connectors



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GENERAL INFORMATION

F type battery connectors are flexible products that allow the traction battery cells to be connected to each other. F type battery connectors are assembled to the battery cells with a specially insulated bolt that does not require a cover.

FEATURES

High current carrying capacity

High flexibility

High impermeability (Special cable insulation and injection materials)

Standart products comply eith 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.)

Terminal pull-out force complies with MIL-T 7928

100% resistance control and marking

Insulation resistance 1000 (Under 500 VDC)

Protection rating is IP55 (IEC 60529-1)

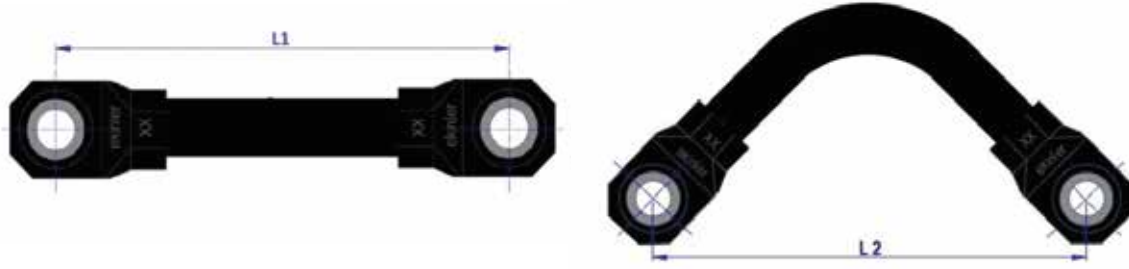
Thin plated terminals

%99.9 Copper terminals



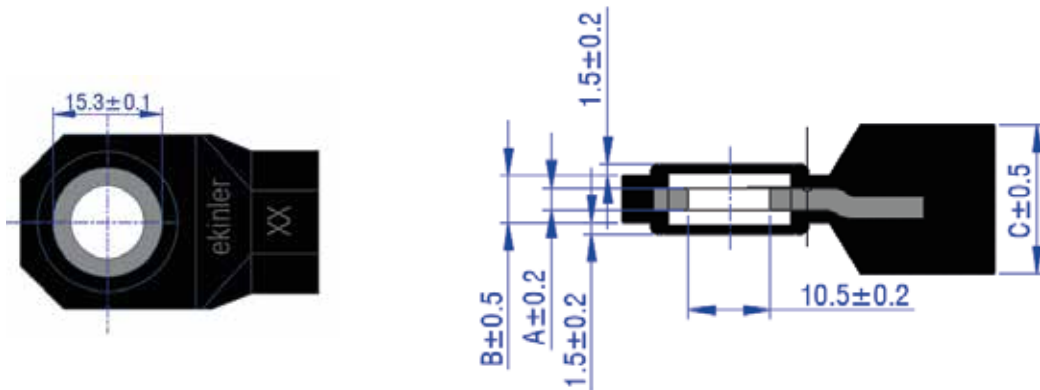
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FLEXIBILITY TABLE



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
F Type: (Flex)	25mm ²	60mm	40mm	30mm	30mm	30mm	30mm
	35mm ²	60mm	40mm	30mm	30mm	30mm	30mm
	50mm ²	70mm	65mm	35mm	30mm	30mm	30mm
	70mm ²	—	—	75mm	55mm	35mm	35mm
	95mm ²	—	—	85mm	45mm	45mm	35mm

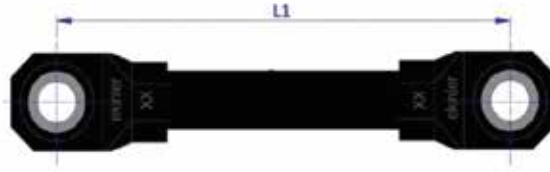
DIMENSIONS (mm)



Cable Section	A	A	A
25mm ²	2	4.75	16.50
35mm ²	2	4.75	16.50
50mm ²	2	5.60	17.50
70mm ²	3	6.00	19.50
95mm ²	3	6.20	23.50

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Product List



Product Code	Cable Section	L1(mm)
MEKN71000011	25mm ²	75
MEKN71000089	25mm ²	80
MEKN71000095	25mm ²	85
MEKN71000010	25mm ²	90
MEKN71000009	25mm ²	95
MEKN71000008	25mm ²	110
MEKN71000119	25mm ²	150
MEKN71000102	25mm ²	275
MEKN71000096	25mm ²	300
MEKN71000091	25mm ²	600

Product Code	Cable Section	L1(mm)
MEKN71000016	50mm ²	80
MEKN71000094	50mm ²	90
MEKN71000003	50mm ²	95
MEKN71000004	50mm ²	110
MEKN71000017	50mm ²	130
MEKN71000018	50mm ²	150
MEKN71000019	50mm ²	170
MEKN71000020	50mm ²	210
MEKN71000104	50mm ²	275
MEKN71000105	50mm ²	285
MEKN71000086	50mm ²	300
MEKN71000081	50mm ²	310
MEKN71000097	50mm ²	350
MEKN71000101	50mm ²	500

Product Code	Cable Section	L1(mm)
MEKN71000000	35mm ²	75
MEKN71000007	35mm ²	80
MEKN71000039	35mm ²	85
MEKN71000001	35mm ²	95
MEKN71000002	35mm ²	110
MEKN71000012	35mm ²	130
MEKN71000013	35mm ²	150
MEKN71000014	35mm ²	170
MEKN71000121	35mm ²	190
MEKN71000103	35mm ²	285
MEKN71000093	35mm ²	300
MEKN71000100	35mm ²	380

Product Code	Cable Section	L1(mm)
MEKN71000092	70mm ²	80
MEKN71000005	70mm ²	95
MEKN71000022	70mm ²	110
MEKN71000023	70mm ²	130
MEKN71000024	70mm ²	150
MEKN71000025	70mm ²	170
MEKN71000026	70mm ²	190
MEKN71000027	70mm ²	210
MEKN71000106	70mm ²	275
MEKN71000107	70mm ²	285
MEKN71000120	70mm ²	300
MEKN71000084	70mm ²	310

Product Code	Cable Section	L1(mm)
MEKN71000031	95mm ²	80
MEKN71000032	95mm ²	95
MEKN71000033	95mm ²	110
MEKN71000034	95mm ²	130
MEKN71000035	95mm ²	150
MEKN71000036	95mm ²	170
MEKN71000038	95mm ²	210
MEKN71000098	95mm ²	380
MEKN71000099	95mm ²	1200

Please contact us for different length and cable section requests.