

DATA SHEET

Accessories: High voltage connectors



Cable plug ST 91 and built-in socket BU 91



Cable plug ST 71 and built-in socket BU 71



Cable plug ST 51 and built-in socket BU 51

Description	When high voltages must be transferred in connection with high currents, the high voltage connectors ST / BU find their application. Both internally in the control cabinet and with device connections. Additionally available are suitable accessories for high voltages and high currents.	
Max. operating voltage	AC voltage	7,000 V AC
	DC voltage	10,000 V DC
Max. current	30 A AC	
Test current	Contact / housing	15,000 V DC
	Contact / contact (mated)	15,000 V DC
Safety	Teflon protection	
Connection	Solder lugs	
	Strain relief	

Versions

Description	Dimensions mm (in.)						Type
	A	B	C	D	E	F	
Cable plug 5-pole	122,0 (4.8)	–	–	–	–	–	ST 51
Cable plug 7-pole	125,0 (4.9)	–	–	–	–	–	ST 71
Cable plug 9-pole	127,0 (5.0)	–	–	–	–	–	ST 91
Built-in socket 5-pole	–	57,0 (2.2)	41,0 (1.6)	39,7 (1.6)	51,0 (2.0)	3,7 (0.15)	BU 51
Built-in socket 7-pole	–	60,0 (2.4)	48,0 (1.9)	44,5 (1.8)	57,0 (2.2)	4,4 (0.17)	BU 71
Built-in socket 9-pole	–	60,0 (2.4)	54,0 (2.1)	49,2 (1.9)	63,5 (2.5)	4,4 (0.17)	BU 91

