

High Voltage Connectors

Series 22

These flexible high-voltage connectors can be used for voltages of up to 7,000 V and for currents of up to 30 A. The housing for the Plugs and Sockets can accommodate up to 7 modules, with each high-voltage module having 2 connections. Modules for compressed air (with 2 connections) and for mains voltage (with 10 connections) are also available. The configuration can be freely selected, resulting in up to 1,000 different combinations.

- + completely individually pluggable
- + Multi-pole (- 14)
- + allows coding of applications with multiple connectors
- + combines high voltage, low voltage and compressed air

		High Voltage Connectors Series 22					
		Plug Version			Socket Version		
Housing and Frame	Grommet Housing						
	Built-in Housing						(FG 22)
	Module Frame			Frame Plug (ST 22)			Frame Socket (BU 22)
Fittings	Cable / Hose			Cable gland (TG 22-k)			Cable gland (TG 22-k)
				Hose fitting (TG 22-s)			Hose fitting (TG 22-s)
Plugs and Sockets	Module Up to 7 modules selectable	2 poles Solder connection Connection cross-section: 2,5 mm ²		High-voltage Plug (ST 22-h)	Test voltage: 18 kVDC Operating voltage: 12 kVDC Max. Current: 30 AAC		High-voltage Socket (BU 22-h)
		10 poles Solder connection Connection cross-section: 0,14 - 2,5 mm ²		Mains voltage Plug (ST 22-n)	Test voltage: 400 V Max. Current: 16 AAC		Mains voltage Socket (BU 22-n)
		2 poles Hose connection		Pneumatic Plug (ST 22-p)	Hose diameter (inside): 4 mm Operating pressure: 8 bar		Pneumatic Socket (BU 22-p)
				Blank insert Plug (ST 22-x)			Blank insert Socket (BU 22-x)
Fittings	Optional for ST 22-n / BU 22-n			10 pieces Plug connector (KS 22-e)			10 pieces Socket connector (BB 22-e)