

## Checklist for Electrical Connectors/Inquiry Form

Stäubli Unit	End customer	
Project coordinator	Pers. in charge	Project No.
Sales Engineer	Post.-Code/City	Drawing No.
Date	Phone	Report No.
Other	E-Mail	

### 1. General information/Description of application

Is there already a solution? <input type="checkbox"/> Yes <input type="checkbox"/> No	NDA required? <input type="checkbox"/> Yes <input type="checkbox"/> No
Quantity	Quotation date
End customer target price	Delivery time

### 2. Electrical data

<input type="checkbox"/> Direct current (DC)	<input type="checkbox"/> Alternat. current (AC)	Frequency f	Hz
Rated current I	A	Rated voltage U	V
Short circuit current (r.m.s. value) I <sub>k</sub>	A	t <sub>k</sub>	s
Rated peak current (peak value) I <sub>p</sub>	A	Test voltage (50Hz/1min.) U	V
Intermittent current (peak value) I	A	t <sub>on</sub>	s
Pulse frequency f	Hz	t <sub>off</sub>	s
Insulation resistance	Ω		
		Contact resistance	Ω

### 3. Ambient conditions

Min. ambient Temperature	°C	Max. ambient Temperature	°C
Air <input type="checkbox"/>	Water <input type="checkbox"/>	Aggressive atmosphere <input type="checkbox"/>	
Vacuum <input type="checkbox"/>	Oil <input type="checkbox"/>	Expl. <input type="checkbox"/>	
Relative humidity %	Vibrations <input type="checkbox"/>	Gas (e.g. SF6) <input type="checkbox"/>	
Other <input type="checkbox"/>	Hz / g		

### 4. Type of connector

Plug, round <input type="checkbox"/>	Rack and panel connector <input type="checkbox"/>	With locking <input type="checkbox"/>
Socket, round <input type="checkbox"/>	Rotary contact <input type="checkbox"/>	With coding <input type="checkbox"/>
Fork type, for bus bars <input type="checkbox"/>	Multi-pole <input type="checkbox"/>	Other types <input type="checkbox"/>
Flat type <input type="checkbox"/>	Number of poles	

### 5. Terminations

Screwed/bolted termination <input type="checkbox"/>	Axiclamp <input type="checkbox"/>	Crimp termination <input type="checkbox"/>
Thread	Soldered termination <input type="checkbox"/>	Other <input type="checkbox"/>
Quantity		

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**6. Material and dimensions of conductor**

<input type="checkbox"/> Cable	Type of wire class	<input type="checkbox"/> Busbar			
Cable designation	Material	Material			
	Cross-section	mm <sup>2</sup>	Dimensions	mm x	mm

**7. Mechanical data**

Contact making part	<input type="checkbox"/> Borehole	<input type="checkbox"/> Pin	<input type="checkbox"/> Busbar		
<input type="checkbox"/> Plugging movement	Number per	Material			
Cycles <input type="checkbox"/> Sliding movement	Total				
<input type="checkbox"/> Rotary movement	Travel	mm/	m/sec	Electroplating	µm
Angle	° Number of revolutions			max. sliding force	N
	Rotary speed	rpm	Max. operating temp.		°C
Mating type	<input type="checkbox"/> manually	<input type="checkbox"/> automatically			
Preconditioning	<input type="checkbox"/> greased	<input type="checkbox"/> preplugged			

**8. Dimensions of borehole (mm)**

Dimension A	Dimension B
Tolerance A	Tolerance B

**8. Dimensions of pin (mm)**

Dimension A	Dimension B
Tolerance A	Tolerance B

**8. Dimensions of busbar (mm)**

Dimension A	Dimension B
Tolerance A	Tolerance B