

Index of manufacturers for electrical components v2.0

The following index of manufacturers lists the component suppliers and product types favored by weil engineering.

The weil standard brands are printed in bold. Listed alternatives may lead to additional costs. Non-listed brands will lead to additional costs.

Special customer regulations can be adhered to during the planning phase.

The list is in no way complete.

1 Control cabinets and control panels

Component	Type	Special Demands
Control cabinets, terminals	Rittal	RAL 7035
Operating panels	Bernstein Rittal	
Terminal blocks and accessories	Phönix	Push-in connection technology
Contactors, small contactors	Siemens	Spring-type technology
Relays	Siemens Phönix	
Ventilators, air conditioners	Rittal	
Main switches	Siemens	
Fuses, safety cutouts	Siemens	
Motor protection switches	Siemens	
Transformers	Siemens Trafo Schneider	
Power supply units	Siemens	
Cable troughs	OBO Bettermann	
Conductor line systems	Rittal	SV-System
Plugs	Ilme (compatible to Harting)	

Dokumenten-Name / Stand	Version	Druck-Datum	Seite
WE List of electrical components V2.0.docx / 26.01.2016	2.0	03.02.2017	1 / 3

2 PLC components

Component	Type	Special Demands
PLC modules	Siemens	S7-300 / S7-1500
PLC control	Siemens	S7-31x-T / S7-31x S7-1500
Decentralised periphery	Siemens	ET200S / ET200AL ET200SP / ET200eco
Networks	Lapp	Profinet , Profibus DP

3 Operating and indicating components

Component	Type	Special Demands
Operating terminals	Siemens	
Operating elements	Siemens	
Light columns	Siemens / Werma	

4 Sensor technology

Component	Type	Special Demands
Proximity switches	Pepperl & Fuchs Festo	initiators pluggable According to DIN 50044 with plug M8 / M12
Cylinder switches	Festo	Cylinder switches pluggable According to DIN 50044 with plug M8 / M12
Limit switches, positioning switches	Siemens Bernstein	
Fibre-Optic Sensor	Sensopart Keyence	
Photoelectric Sensor	Sensopart Sick, Keyence	According to DIN 50044 with plug M8 / M12

Dokumenten-Name / Stand	Version	Druck-Datum	Seite
WE List of electrical components V2.0.docx / 26.01.2016	2.0	03.02.2017	2 / 3

5 Safety

Component	Type	Special Demands
Light grids	Pilz Sick, Siemens	
Safety switches	Pilz Euchner, Schmersal, Bernstein	
Door and safety fence protections	Euchner Schmersal, Bernstein	MGB
Safety relays (emergency stop, safty doors, twohand)	Pilz	PNOZmulti , PNOZsigma
Two-hand panel	Siemens Rittal	

6 Drive controls

Component	Type	Special Demands
Servo axis	Siemens	Sinamics
Frequency converter	Siemens SEW	
CNC control	Siemens	SINUMERIK 840D sl
Hydraulics	Bosch	