



**...offers YOU...**

**... qualified & experienced team**

- we are an independent stocking distributor of electronic components with more than 15 years experiences on the European market
- we operate a Quality Management System which has been approved to the ISO 9001:2001 Standard

**... international operating & multilanguage support**

- we are members of e-tech group – an international distribution group which consist of four companies in Germany, Czech Republic, Hungary and Slovakia
- we have sales representatives in Poland and Romania
- we communicate in English, German, Hungarian, Russian, Polish, Romanian, Czech and Slovak languages

**... strong relationships with business partners**

- we have forged strong relationships with more than 3000 OEMs, but our products are also sold to R&D companies and resellers
- we cooperate with more than 50 important manufacturers and the largest distributors of electronic components worldwide

**... innovative & wide assortment**

- more than 15 000 types of electronic components direct from our warehouse
- more than 200 000 types of electronic components on offer
- we are able to service the ever increasing needs of the electronics industry and varied demands of our customers

**... excellent customer service & flexible approach**

- personal service and a flexible approach are at the heart of our business, which is why each customer can expect a dedicated sales contact to understand their business and their requirements and provide a fast, effective solutions
- product and service quality are paramount and customer feedback is always welcomed
- technical support for customers (datasheets, catalogues, instructions of use...)

**... competitive prices & fast delivery**

- daily actualized prices, stock information, technical parameters, datasheets, customer order histories, etc... are available on-line at [www.roselectronic.com](http://www.roselectronic.com)
- 24 hour delivery for most EU destinations, 2-7 days to the rest of the world

**... value added services**

- catalog of electronic components in four languages
- fast and customer oriented on-line shop in 8 languages
- SOSnews magazine
- technical support
- flyers
- e-mail newsletters

**... exclusive referencies**

- electronic industry: Sony, Samsung, Panasonic, Hengstler, Emerson, Punch, Invensys, Whirlpool, BSH
- automotive: Volkswagen, Kia Motors, Valeo, Yazaki, Leoni

**...more than just components...**

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*Detailed Chapter Contents is placed at the beginning of each part of the Catalogue (5 parts separated by colour).*

*Der detaillierte Inhalt der Kapitel ist immer am Anfang jedes Kapitels im Katalog zu ersehen (farblich getrennt).*

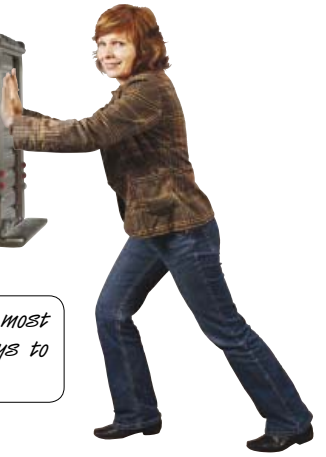
# Thank you

... for choosing our new catalogue!

We are pleased to present you with our qualities.



*Personal service and a flexible approach to provide fast and effective solutions.*



*Fast delivery - 24 hour for most EU destinations, 2-7 days to the rest of the world.*



*Customer focused internal information system.*

*We do our best for customers satisfaction - our qualified staff offers quality customers service by identifying and understanding customers needs.*



*Technical support and free samples for your projects available.*



## Our customers:

### Large manufacturers

**We know the importance of reliability and quality in manufacturing process.**

Our goal is to assure the connection with 25 large manufacturers and provide all needed information, free samples, technical support in different languages up to deliveries to manufacturing process according to specific requirements.

### Small manufacturing companies and developers

**We learned from experience how many cumulative tasks you deal with.**

We offer the opportunity to ensure the complex supply of components upon the specifications of your products, or developed projects as well as technical support.

### Dealers

**You require complex assortment, bargain prices, regular offers and special sales along with fast delivery.**

These are the attributes, we are able to provide with right now.



*Multilanguage support - we communicate in English, German, Hungarian, Russian, Polish, Romanian, Czech and Slovak languages.*

*We are looking forward to meeting you on exhibitions and fairs.*

*We offer innovative and wide assortment at competitive prices and customers tailored terms of delivery and payment.*

*We are regularly trained to keep our knowledge up to date.*

*50 important manufacturers, distributors and more than 200 suppliers worldwide.*

*8 000 satisfied customers in Slovakia, Czech Republic, Hungary, Poland, Romania and other countries of EU and worldwide.*

*We provide you with multilanguage catalogues and e-mail newsletters about the novelties in our range of products.*

*Excellent customer focused on-line shop in 8 languages.*

**Schools, hobby groups**

**We know many involved pedagogues with limited working conditions.**

We can offer our catalogue assortment, equipments for classrooms, support for electronics competitions under favorable conditions.

**Services, maintenance, technology**

**We know how important is to have all your components for continuous production, what kind of tools are needed for effective work and what stands for soldering and measuring.**

For all this and many other purposes, you will find hundreds of products in this catalogue or at [www.soselectronic.com](http://www.soselectronic.com)

**Radio amateurs, electronic fans**

**We appreciate a favour of end-users and "small" customers, because many of us started as radio amateurs as well.**

However we are not able to serve you effectively upon all your requirements, therefore we have set specific conditions and minima. If you fulfil all the conditions we will be happy to deliver desired products from our catalogue to your address.

Main product group

Product group

Type symbol

Novelty

Chapter

Technical parameters

Type symbol

Ordering number

Prices

The prices shown in the catalog are informative, quoted in EUR, excluding VAT. Current prices can be found at [www.soselectronic.com](http://www.soselectronic.com).

Page number

## Lighting Connectors

Connectors and Terminals

Lighting Connectors

224-201

222-412

**NEW!**

222-413

222-415

Technical Parameters	222-412	222-413	222-415
Number of Wires	2	3	5
Stranded Wire	0,08-4mm <sup>2</sup>	0,08-4mm <sup>2</sup>	0,08-4mm <sup>2</sup>
Solid Wire	0,08-2,5mm <sup>2</sup>	0,08-2,5mm <sup>2</sup>	0,08-2,5mm <sup>2</sup>
Stripping Length	10mm	10mm	10mm
Maximum Voltage	400V	400V	400V
Maximum Current	32A	32A	32A
Maximum Temperature	85°C	85°C	85°C
Colour	grey	grey	grey

Type	Ord. No.	1+	5+	25+
O 224-201	41792	0,435	0,408	0,382

### Push-Wire Connectors for WAGO Junction Boxes

Push-wire connector for junction boxes for quick and safe installations  
Strip insulation: Strip solid conductor 10-13 mm / 0.45 in  
Push-wire connection: Insert stripped solid conductor FULLY  
Push-wire connection: Removal: Hold wire to be removed and twist alternately left and right while pulling the connector  
Testing - via separate test slot

273-112  
273-252

273-100  
273-153

273-104  
273-253

Technical Parameters	273-112/ 273-252	273-100/ 273-153	273-104/ 273-253
Number of Wires	2	3	3
Wire Section	1-2,5mm <sup>2</sup>	0,75-1,5mm <sup>2</sup>	1-2,5mm <sup>2</sup>
Stripping Length	13mm	13mm	13mm
Maximum Voltage	400V	400V	400V
Maximum Current	24A	18A	24A
Maximum Temperature	105°C	105°C	105°C
Colour	dark grey/ water clear	grey/ water clear	dark grey/ water clear

Type	Ord. No.	Description	1+	25+	100+
S 273-100	42431	grey 1,5mm <sup>2</sup> 3P	0,133	0,096	0,091
S 273-153	48423	plexi 1,5mm <sup>2</sup> 3P	0,133	0,099	0,094
S 273-112	42122	grey 2,5mm <sup>2</sup> 2P	0,166	0,111	0,104
S 273-252	42125	plexi 2,5mm <sup>2</sup> 2P	0,166	0,110	0,103
S 273-104	42119	grey 2,5mm <sup>2</sup> 3P	0,166	0,119	0,112
S 273-253	42126	plexi 2,5mm <sup>2</sup> 3P	0,166	0,120	0,112

Technical Parameters	224-101 / 224-104	224-112
Number of Wires	1	2
Stranded Wire	0,5-2,5mm <sup>2</sup>	0,5-2,5mm <sup>2</sup>
Solid Wire	1-2,5mm <sup>2</sup>	2 x 1-2,5mm <sup>2</sup>
Stripping Length	11mm	11mm
Maximum Voltage	400V	400V
Maximum Current	24A	24A
Maximum Temperature	105°C	105°C
Colour	grey	white

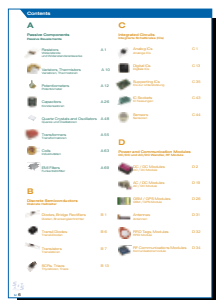
Type	Ord. No.	1+	10+	50+
O 224-101	41789	0,166	0,146	0,136
S 224-112	41791	0,188	0,172	0,161

S - in-stock product   O - on order product. Prices are quoted in EUR excluding VAT and transport costs.

## How to find products fast and easily



According to the short contents at the back.



According to more detailed contents in front of the catalogue.





According to the manufacturer brand in front of the catalogue.



## A

### Passive Components





#### Passive Bauelemente

	<b>Resistors</b> Widerstände und Widerstandsnetzwerke	A 1
	<b>Varistors, Thermistors</b> Varistoren, Thermistoren	A 10
	<b>Potentiometers</b> Potentiometer	A 12
	<b>Capacitors</b> Kondensatoren	A 26
	<b>Quartz Crystals and Oscillators</b> Quarze und Oszillatoren	A 48
	<b>Transformers</b> Transformatoren	A 55
	<b>Coils</b> Induktivitäten	A 63
	<b>EMI Filters</b> Funkentstörfilter	A 69

## B

### Discrete Semiconductors

#### Diskrete Halbleiter

	<b>Diodes, Bridge Rectifiers</b> Dioden, Brückengleichrichter	B 1
	<b>Transil Diodes</b> Transil-Dioden	B 6
	<b>Transistors</b> Transistoren	B 7
	<b>SCRs, Triacs</b> Thyristoren, Triacs	B 13

## C

### Integrated Circuits

#### Integrierte Schaltkreise (ICs)

	<b>Analog ICs</b> Analoge ICs	C 1
	<b>Digital ICs</b> Digitale ICs	C 13
	<b>Supporting ICs</b> ICs zur Unterstützung	C 35
	<b>IC Sockets</b> IC Fassungen	C 43
	<b>Sensors</b> Sensoren	C 44

## D

### Power and Communication Modules


#### DC/DC und AC/DC Wandler, RF Module

	<b>DC / DC Modules</b> DC / DC Module	D 2
	<b>AC / DC Modules</b> AC / DC Module	D 19
	<b>GSM / GPS Modules</b> GSM / GPS Module	D 26
	<b>Antennas</b> Antennen	D 31
	<b>RFID Tags, Modules</b> RFID Module	D 32
	<b>RF Communications Modules</b> Kommunikationsmodule	D 34

# E

## Optoelectronic Components Optoelektronische Komponenten

 Optocouplers, SSR Relays  
Optokoppler, SSR Relais E 1

 Optical Sensors, IR LEDs  
Optische Sensoren und Infra LED Dioden E 6

 LEDs  
LED Dioden E 8

 Displays (LCD, LED)  
Anzeigen (LCD, LED) E 22

 Bulbs  
Lampen E 39

 Videocameras  
Videokameras E 40

# F

## Connectors & Terminals Steckverbinder und Anschlüsse

 Audio, Video Connectors  
Audio, Video Steckverbinder F 1

 IEC Connectors  
Netz-Steckverbinder F 12

 Modular Connectors  
Telefonstecker F 16


 RF Connectors  
HF Steckverbinder F 18

 Signal Connectors  
Steckverbinder für Datentechnik F 23

 Industry Connectors  
Industriestecker F 33

 PIN Headers  
Stift- und Buchsenleisten F 41

PC IEC Connectors F 45

 PC Netz-Steckverbinder

 Smart Card Connectors  
Smartcards Steckverbinder F 47

 Cable Lugs  
Kabelschuhe F 48

 Terminals  
Anreihklemmen F 50

# G

## Cables & Cords Kabel und Litzen

 Cables  
Kabel G 3


 Cords  
Litzen G 10

 Test Equipments  
Labor-Zubehör G 21

# H

## Switches, Relays & Fuses Schalter, Relais und Sicherungen

 Switches and Push-buttons  
Schalter und Taster H 1

 Relays  
Relais H 12

 Fuses  
Sicherungen H 22

## I

### Fans & Heatsinks Lüfter und Kühlkörpern



Fans  
Lüfter

I 1



Heatsinks  
Kühlkörpern

I 9



Peltiers Modules  
Peltier Module

I 9

## J

### Enclosures & Accessories Gehäuse und Zubehör



Enclosures  
Gehäuse

J 1



Assembling Materials  
Montagematerial

J 29



Insulating Tapes, Shrink Tubes  
Schrumpfschläuche, Isolierbänder

J 39

## K

### Tools Werkzeuge



Hand Tools  
Handwerkzeuge

K 1



Tool Kits  
Werkzeuge Set

K 1



Drills and accessories  
Bohrer und Zubehör

K 22

## L

### Soldering Equipment Lötgeräte



Soldering Stations  
and Accessories  
Lötstationen und Zubehör

L 1



Exhausting Equipments  
Saughauben

L 16



Solders  
Lötmaterial

L 18

## M

### Chemistry, PCBs Lötmittel, chemische Produkte, Leiterplatten



Chemicals  
Chemische Produkte

M 1



Sprays  
Sprays

M 2



Printed Circuit Boards  
Leiterplatten

M 8

## N

### Measuring Devices Messgeräte



Oscilloscopes  
Oszilloskope

N 1



Multimeters  
Multimeter

N 4



Voltage Testers  
Spannungsprüfer

N 17



Miscellaneous Measuring  
Equipments  
Verschiedene Messgeräte

N 20



Thermometers  
Thermometer

N 22



Panel Meters  
Panel Meter

N 23

## O

### Power supplies Akkus, Stromversorgung



Accumulators, Batteries  
Akkus, Batterien

O 1





**Chargers and Testers**  
Lade- und Prüfgeräte

O 7



**Temperature Controllers**  
Temperaturregler

S 3



**Solar Cells**  
Solarzellen

O 10



**Relays**  
Relais

S 4



**Adapters, Converters**  
Adapters und Wandler

O 12



**Counters, Timers**  
Zähler, Zeitrelais

S 7



**Laboratory Power Supplies**  
Netzgeräte und Netzteile

O 16



**Switches**  
Schalter

S 7



**Panel Meters**  
Panel Messgeräte

S 9

## P

### Electronic Kits Bausätze



**Electronic Kits**  
Bausätze

P 1

## T

### Home Automation Haus-Automatisierung

## R

### Electroacoustic Components Elektroakustische Komponenten



**Buzzers & Transducers**  
Summer

R 1



**Security Protection Devices**  
Sicherheitstechnik

T 1



**Speakers**  
Lautsprecher

R 9



**Measuring and Regulation**  
Regulation und Messtechnik

T 4



**Audio Amplifiers**  
Audio Verstärker

R 21



**Power Switch and Protection**  
Funksteckdosen und  
Überspannungsschutz

T 5



**Speaker Accessories**  
Lautsprecher Zubehör

R 23



**Home Powerline Network  
Components**  
Komponenten für Datenübertragung  
über die Stromleitung

T 13



**Car Speakers**  
Lautsprecher für Pkw

R 26



**PC Accessories**  
PC Zubehör

T 16



**Vacuum Tubes**  
Vakuumröhre

R 28



**Weather Stations**  
Wetterstationen

T 17

## S

### Industrial Automation Industrielle Automatisierung



**Sensors**  
Sensoren

S 1












**"EURO" Products**  
"EURO" Produkte












T 24


























**Thermal Printers**  
Thermo Drucker























T 24

Brand	Products' group	Chapter
	<b>GSM, GPS, WiFi antennas</b> <i>Antennen GSM, GPS, WiFi</i>	D
	<b>Printservers, interfaces and other modules</b> <i>Deviseservern, Printservern, Embedded moduls und Interfacelösungen</i>	D
	<b>Rotary and slide potentiometres, encoders</b> <i>Drehpotentiometer, Encoder</i>	A
<b>ALPS</b>	<b>Potentiometres, encoders</b> <i>Potentiometer, Encoder</i>	A
<b>ARCOTRONICS</b>	<b>RFI filters - panelboard, chassis or PCB mount</b> <i>Funkentstörfilter</i>	A
	<b>D-SUB, Western Modular, USB, DIN, audio/video connectors, sockets</b> <i>Steckverbinder D-SUB, Western Modular, USB, DIN, Audio/Video, Sockel</i>	F
	<b>Heatsinks and accessories</b> <i>Kühlkörper und Zubehör</i>	I
	<b>Modules for wireless data transmission</b> <i>Module für die drahtlose Datenübertragung über kurze Distanzen</i>	D
	<b>MagJack - integrated connector modules (ICM)</b> <i>MagJack - integriert Anschlussmodule (ICM)</i>	F
	<b>Good-quality multimeters and testers</b> <i>Prüf-, Mess- und Sicherheitstechnik</i>	N
	<b>Electromechanical display modules, complementary displays - interface, cables, complete modules - temperature, time, score measurement</b> <i>Elektromechanische Display-Module, zusätzliche Module - Schnittstelle, Kabel, fertige Module - Temperatur, Zeit</i>	E

Brand	Products' group	Chapter
	<b>Alpha-numeric and graphic LCD modules, PLED modules</b> <i>Alphanumerische und grafische LCD Module, PLED Module</i>	E
	<b>Solder products - lead or lead free solders</b> <i>Lötdrähte, Stangenlote - bleifreie und bleihaltige</i>	L
	<b>Laboratory power supplies</b> <i>Netzgeräte und Netzteile</i>	O
	<b>Soldering equipments</b> <i>Lötgeräte</i>	L
	<b>Discrete semiconductors - diodes, bridge rectifiers, transil diodes</b> <i>Diskrete Halbleiter - Dioden, Brückengleichrichter, Transil-Dioden</i>	B
	<b>LCD displays and modules</b> <i>LCD Anzeigen und Module</i>	E
	<b>High-speed rotary tools</b> <i>Mikro-Werkzeuge für Heimwerker und Profis</i>	K
	<b>Alphanumeric and graphic LCD modules and accessories</b> <i>Alphanumerische und grafische LCD Module und Zubehör</i>	E
	<b>Ferrites, capacitors, coils, ceramic and SAW components</b> <i>Ferritkerne, Kondensatoren, Spulen, keramische und SAW Komponente</i>	A
	<b>Soldering equipments</b> <i>Lötgeräte</i>	L
	<b>Assembling material - screws, nuts, washers, end-sleeves, space-offs</b> <i>Montagematerial - Schrauben, Muttern, Unterlegscheiben, Aderendhülsen, Abstandsbolzen</i>	J

Brand	Products' group	Chapter	Brand	Products' group	Chapter
 euroclamp	PCB/Plug-in terminal blocks <i>Anreihklemmen und Steckbarer Klemmen</i>	F	 HARTING	Self-cutting, DIN 41612 connectors <i>Selbstschneidend Steckverbinder, DIN 41612 Steckverbinder</i>	F
 Fine Inductors <i>fasttron</i>	Coils, chokes and inductors <i>Spulen, Drosseln und induktiven Produkte</i>	A	 HARTING	Heavy Duty connectors <i>Steckverbinder Heavy Duty</i>	F
 finder	Power, industrial and time relays and accessories <i>Power-, Industrie-und Zeit-Relais und Zubehör</i>	H	 HIRSCHMANN <i>A Belden Company</i>	Industrial connectors <i>Industriestecker</i>	F
 fischer elektronik	Heatsinks <i>Kühlkörper</i>	I	 HIRSCHMANN <i>TEST &amp; MEASUREMENT</i>	Laboratory cords and kits <i>Messleitungen und Sätze</i>	G
 fischer elektronik	Male, female headers, jumpers <i>Stift- und Buchsenleisten, Codier- und Adressierungsbrücken</i>	F	 HIRSCHMANN <i>TEST &amp; MEASUREMENT</i>	Measuring and testing equipments <i>Testgeräte - Stecker, Buchsen, Krokodilklemmen, Prüfköpfe</i>	G
 FTDI Chip	ICs for USB interface <i>ICs für USB-Schnittstelle</i>	C	 Jauch <i>The path of progress</i>	Quartz crystals and oscillators <i>Quarze und Oszillatoren</i>	A
 FTDI Chip	Development tools <i>Entwicklungswerkzeuge</i>	C		Electronic tubes and tube bases <i>Elektronenröhren und Sockel</i>	R
 FUJITSU	Signal, power and automotive relays <i>Signalrelais, Stromrelais und Kfz-Relais</i>	H	 KEYSTONE	Battery carriers (holders) <i>Batteriehalter</i>	O
 FUJITSU	Thermal printer mechanisms <i>Thermodrucker</i>	T	 KEYSTONE	Fast-on, Fast-in - cable-lugs, PCB test terminals <i>Kabelschuhe, Faston</i>	F
 GAMA <i>aluminium</i>	Heatsinks <i>Kühlkörper</i>	I	 KEYSTONE	Plastic and metallic space-offs <i>Metallisch- und Kunststoff Abstandsbolzen</i>	J
 HARMOND MANUFACTURING	Metallic and plastic enclosures and accessories <i>Metallische-und Kunststoff-Gehäuse und Zubehör</i>	J	 Kingbright	LEDs <i>LED Dioden</i>	E

Brand	Products' group	Chapter	Brand	Products' group	Chapter
 <b>Kingbright</b>	LED displays <i>LED-Anzeigen</i>	E	 <b>omeg</b>	Potentiometers <i>Potentiometer</i>	A
 <b>CONSTANT SENSOR</b>	Sprays for all electronic maintenance applications <i>Sprays für alle elektronischen Anwendungen</i>	M	 <b>OMRON</b>	Relays, process control, timers and counters <i>Relais, Zeitrelais, Signalrelais, Taktschalter</i>	S
 <b>LAPPKABEL</b>	Shielded and unshielded cables <i>Geschirmtes und ungeschirmtes Kabel</i>	G	 <b>OMRON</b>	Switches, push-buttons, relays <i>Schalter, Taster, Relais</i>	H
 <b>LINEAR TECHNOLOGY</b>	AC/DC converters <i>AC/DC-Wandler</i>	C	 <b>OMRON</b>	Industrial sensors <i>Induktive und optische Sensoren</i>	S
 <b>LINEAR TECHNOLOGY</b>	Power management ICs <i>ICs für Stromversorgung</i>	C	 <b>PEPPERL+FUCHS</b>	Industrial sensors - inductive, optical and ultrasonic <i>Industrielle Sensoren - induktiv, optisch und ultraschall</i>	S
 <b>LINEAR TECHNOLOGY</b>	Interface ICs <i>ICs Schnittstellen</i>	C	 <b>PIHER</b>	Trimming potentiometers, Potentiometers <i>Trimpotentiometer</i>	A
 <b>MARQUARDT</b>	Switches, sensors and push-buttons <i>Schalter, Sensoren und Taster</i>	H	 <b>poschel</b> <i>Fehlsicherungstechnik</i>	Standard fuses and fuse holders <i>Standardsicherungen, G-Sicherungseinsätze</i>	H
 <b>MEDER</b> <i>elektrotechnik</i>	Reed relays and reed sensors <i>Reed-Relais und Sensoren</i>	H	 <b>Re-an</b> <i>REINER ANSCHLUSSTECHNIK</i>	Accessories for potentiometers - knobs, caps <i>Potentiometer, Zubehör</i>	A
 <b>MW</b>	AC/DC power supplies, chargers and testers <i>Stromversorgung, Lade- und Prüfgeräte</i>	O	 <b>SAWHA</b>	Electrolytic capacitors <i>Elektrolytkondensatoren</i>	A
 <b>myrra</b>	PCB mount transformers, transformers for switching power supplies <i>Printtransformatoren, Transformatoren für Schaltnetz-teile</i>	A	 <b>SCHURTER</b>	Switches, push-buttons, fuses <i>Schalter, Taster, Sicherungen</i>	H
 <b>NEUTRIG</b>	Audio-video connectors <i>Steckverbinder audio-video</i>	F	 <b>SCHURTER</b>	RFI filters <i>Funkentstörfilter</i>	A

Brand	Products' group	Chapter	Brand	Products' group	Chapter
 <b>SCHURTER</b>	<b>Power supply connectors</b> <i>Netzteilsteckverbinder</i>	F	 <b>TEKO</b>	<b>Metallic and plastic enclosures</b> <i>Metallisch-und Kunststoff-Gehäuse und Zubehör</i>	J
 <b>SOLARTEC</b>	<b>Solar cells</b> <i>Solarzellen</i>	O	 <b>TFA</b>	<b>Weather-stations and thermometers</b> <i>Elektronische Wetterstationen und thermometer</i>	T
 <b>SOLARTEC</b>	<b>Solar chargers and testers</b> <i>Solar Lade- und Prüfgeräte</i>	O	 <b>TRACO POWER</b>	<b>AC/DC Power supplies</b> <b>AC/DC Module und Stromversorgungen</b>	D
 <b>sonitron</b>	<b>Sirens and speakers</b> <i>Sirenen, Lautsprecher</i>	R	 <b>TRACO POWER</b>	<b>DC/DC Converters</b> <i>DC/DC Module</i>	D
 <b>sonitron</b>	<b>Transducers and buzzers</b> <i>Piezoelektrische Wandler ohne Treiber und Summer mit Treiber</i>	R	 <b>THUNBERG</b>	<b>Panel measuring devices, time relays</b> <i>Prozesssteuerung und Anzeige, Zeitrelais</i>	S
 <b>PRODUCTS</b>	<b>Soldering equipments</b> <i>Lötgeräte</i>	L	 <b>acoustics TVM</b>	<b>HiFi speakers, car-speakers, 100V speakers and sets of speakers</b> <i>HiFi-, Kfz-Lautsprecher, 100V Lautsprecher und Sätze</i>	R
 <b>ST</b>	<b>Diodes, SCRs, triacs, transistors</b> <i>Dioden, Thyristoren, Triacs, Transistoren</i>	B	 <b>Tyco Electronics</b>	<b>Passive electronic components</b> <i>Passive Bauelemente</i>	A
 <b>ST</b>	<b>Analog ICs, A/D converters</b> <i>Analoge ICs, A/D Wandler</i>	C	 <b>Tyco Electronics</b>	<b>Connectors</b> <i>Steckverbinder</i>	F
 <b>ST</b>	<b>Processors, memories, peripheral circuits</b> <i>Prozessoren, Speicher-ICs, Peripherie-ICs</i>	C	 <b>Tyco Electronics</b>	<b>Relays</b> <i>Relais</i>	H
 <b>SUNON</b>	<b>DC and AC fans</b> <i>DC und AC Lüfter</i>	I	 <b>UNI-T</b>	<b>Testing meters and instruments</b> <i>Multimeter, Klemm-Multimeter</i>	N
 <b>tailema</b>	<b>Coils and toroidal transformers</b> <i>Spulen und Ringkerntransformatoren</i>	A	 <b>UNI-T</b>	<b>Measuring cables and wires</b> <i>Kabel und Litzen</i>	G

Brand	Products' group	Chapter
	<b>Laboratory tables</b> <i>Labortische</i>	O
	<b>HiFi, industrial speakers and accessories</b> <i>HiFi und Industrielle Lautsprecher, Zubehör</i>	R
	<b>Terminal blocks, connectors, accessories</b> <i>Anreihklemmen, Steckverbinder, Zubehör</i>	F
	<b>Soldering equipments</b> <i>Lötgeräte</i>	L
	<b>Oscilloscopes, scopemeters, measuring devices and accessories</b> <i>Oszilloskope, Messgeräte und Zubehör</i>	N
	<b>Sprays to protect electrical/electronic equipments, products and metals against moisture</b> <i>Der Feuchtigkeitsschutz für Elektrik, Elektronik und Metalle</i>	M
	<b>Pliers and screwdrivers</b> <i>Zangen und Schraubendreher</i>	K
	<b>Tweezers and sets of tools</b> <i>Pinzetten, Werkzeugtaschen und Sätze</i>	K
	<b>Foil capacitors</b> <i>Folienkondensatoren</i>	A
	<b>Resistors, resistor networks, capacitors</b> <i>Widerstände und Widerstandsnetzwerke, MLCC Kondensatoren</i>	A
	<b>Lithium batteries</b> <i>Lithiumbatterien</i>	O