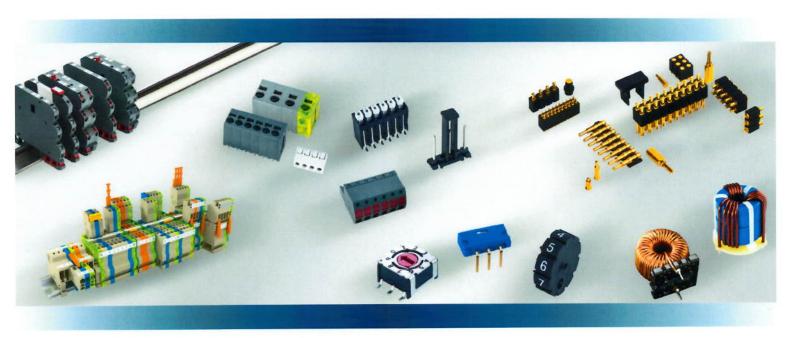


WE CONNECT WORLDS









INTERKONT Berger GmbH

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Innovative solutions: electromechanical components, test technology equipment and customer-specific inductors

Competencies: development and design of standard as well as customer-specific solutions / tool and mould making / precision injection-moulding / turning / reliability laboratory and quality assurance / pressing, laquering winding

Fields of application: machinery and plant engineering / measurement and control technology / electrical engineering / automotive and rail engimneering / energy technology / medical technology / aerospace technology / transferring energy, signals and data in the sectors of safety and security engineering, automation, network monitoring and telecommunications











I. CONNECTION TECHNOLOGY

Special designs of PCB Terminal Blocks and PCB Multi-Connector Systems such as special lengths for soldering pins, different colours, partly-assembled PCB Terminal Blocks, marking with pad printing, inkjet printing or laser marking are just as much a part of the scope of delivery as the supplying of modules, fully-populated PCBs with or without pre-assembled cables as well as PCB Terminal Blocks and Pin Strips in tape-on-reel, tube or tray packaging.

PCB TERMINAL BLOCKS

PCB MULTI-CONNECTOR SYSTEMS

PCB TERMINAL BLOCKS SCREW TERMINAL BLOCKS



Wire Guard Type



Lift Type



Excenter Type

SPRING TERMINAL BLOCKS



Push-In Type



Tension Spring Type



SMD Terminal Block AK4091









PCB MULTI-CONNECTOR SYSTEMS SCREW TERMINAL BLOCKS



Wire Guard Type



Lift Type



Excenter Type

SPRING TERMINAL BLOCKS

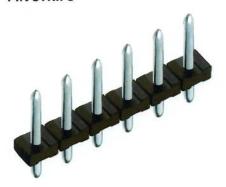


Push-In Type



Tension Spring Type

PIN STRIPS



Pin Strips









II. INTEGRATED CONNECTION TECHNOLOGY

The integrated connection technology includes electrical contact technology directly into the end product, meaning that connection elements in which the PCB is connected directly by means of a plug-in connection. There is no need for time-consuming manual soldering or for the expensive use of a soldering robot. Combining wire connection technology with solder free PCB contacts and jumper contacts in one device reduces electrical resistance.

SCREW TECHNOLOGY



INS250-P-BAGY



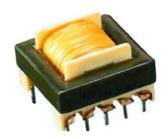
INS260-P-BAGY

PUSH-IN TECHNOLOGY



INM260-P-BAGY

III. INDUCTORS



SWITCHED MODE POWER



CHOKES WITH IRON POWDER CORE MATERIALS



COMMON MODE CHOKES



PFC CHOKES









IV. TEST PROBES AND INTERFACE PIN BLOCKS

TEST PROBES

In the sectors of telecommunications, medical technology, aeronautics and aerospace, the automotive industry and many others, PTR HARTMANN test probes are used as secure and reliable contact elements for testing PCBs (ICT+FT) and cable harnesses. One additional and steadily growing field of applications is the use of test probes as a charging contact for industrial applications or PCB connectors as a single contact or multi-pole contact block.



TEST PROBES FOR IN-CIRCUIT-TEST



STANDARD TEST PROBES 30 MIL - 177 MIL (0.76 MM - 4.50 MM)



TEST PROBES FOR CABLE TEST



COAXIAL AND HIGH FREQUENCY TEST PROBES



BATTERY TEST PROBES AND PCB CONNECTORS



HIGH-CURRENT TEST PROBES



PNEUMATIC TEST PROBES



FIXTURE CUSTOMIZING









INTERFACE PIN BLOCKS

PTR HARTMANN's spring-loaded battery probes provide an extremely reliable and precise connection solution, which is ideal for use in a series of demanding application requirements in the electronic connections sector. There are many possible applications, starting with board-to-board contacting, directly on the PCB, to hand-held devices as a charging contact, and up to battery chargers for high-quality laptops, smartphones, e-bikes/pedelecs and a large number of additional applications - battery probes and also spring-loaded pogo pin-type contacts are used in all situations to transwith battery charging currents, but also to transwith signals.



Series 5322 - FKB - Vertical



Series 5322 - PKB - Vertical









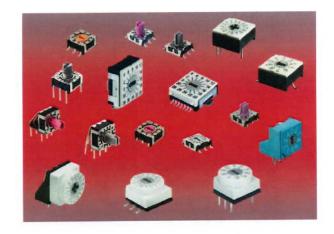
VI. SWITCHES

ROTARY CODE SWITCHES DIP SWITCHES SLIDE SWITCHES

TACT SWITCHES MICRO SWITCHES SWITCHES AND JACKS

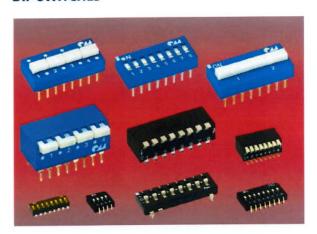
DUAL PUSH BUTTON SWITCHES

ROTARY CODE SWITCHES



PTR HARTMANN rotary code switches offer highly modern technology for industrial application. Robust contact pins with pure tin plating guarantee a trouble-free assembly and safe bonding with all standard soldering materials. Due to the abrasion-resistant hard gold plating on the contacts, contact resistances remain low and constant. Switches with both 3+3 and 4+1 connection systems can be supplied with various control elements.

DIP SWITCHES



As an alternative to rotary code switches, DIP switches can be supplied in various sizes, spacings and number of poles, with THT or SMT pins.

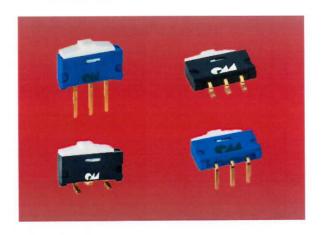








SLIDE SWITCHES



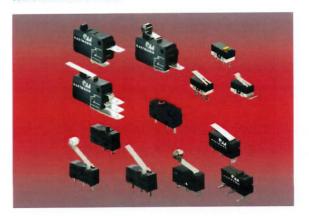
This series comprises miniature slide switches that can be used as ON/OFF switches or as changeover switches. The switches are a high-end alternative to jumpers, but can also be used as address or code switches in applications that require only a limited number of settings.

TACT SWITCHES



Tact switches for different applications with horizontal and vertical actuation in all established sizes. Available for Reflow- and wave soldering with different pin designs. More varieties are available on request.

MICRO SWITCHES



Micro switches, also called snap-action switches, can be supplied in designs A, B and D of DIN41635. Micro switches are used predominantly as limit switches. The snap-action switches are available as NC-, NO and changeover contacts with various actuating forces and switching capacities.

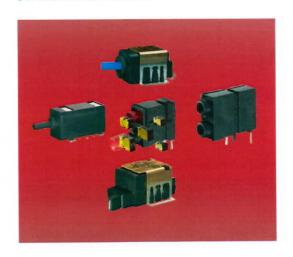








SWITCHES AND JACKS



Toggle switches and push-button switches as well as switch jacks for front panel assembly comply with the relevant standards of industrial electronics, DIN 41494.

DUAL PUSH BUTTON SWITCHES



Dual push-button switches can be chosen from six basic series. From the smallest dimension of 15.0 \times 6.0 mm to the largest, 33.0 \times 8.0 mm, the dual push button switches can be supplied with the standard codes and with 10 or 16 switch positions.

More Than IOO Producers From A Single Source





ELEKTRONIK & MECHATRONIK & VERTRETUNGEN

www.interkont.de

WE CONNECT WORLDS Automation • Electromechanics • Cable Assembly • Test Equipment















ISABELLENHÜTTE









KAISER+KRAFT



























































GARNISCH



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