

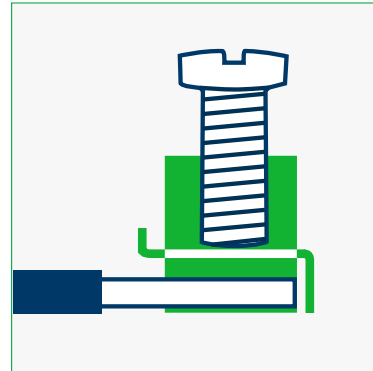
CONTA-CON

Types of Connection



Wire-protection-principle DS

The wire protection principle may be considered a customized low cost alternative to the strain-relief clamp principle. The wire protection serves to prevent the wire from shearing off or tearing away.



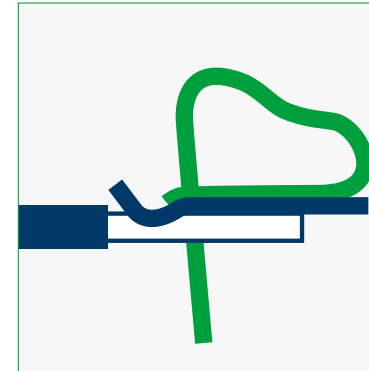
Strain-relief-clamp-principle ZB

The strain-relief clamp principle consists of pressing the wire indirectly via the screw and strain relief clamp against the conductor bar (soldering lug) whereas the necessary contact force is generated via the easy to operate screwed connection. This system also serves to provide a gastight and shatterproof connection between wire and conductor bar. With this increased starting torque – due to the elastic deformation of the clamping bodies – additional thread friction is provided this automatic and auxiliary safety.



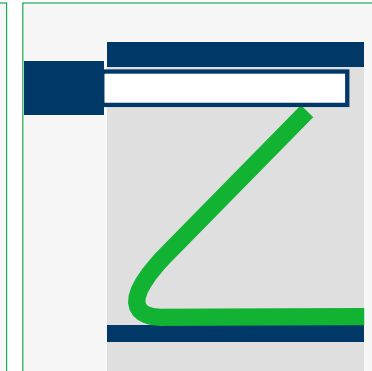
Eccentric-top-principle Ex

As regards the eccentric top principle the wire is pushed into the clamping point in parallel direction of the screw-driver. With view to certain types of installations, e.g. small lateral distances in mounting frame, this system offers outstanding accessibility to the contacts. As a rule, this system comes with two soldering lugs.



Tension-spring-principle ZF

The tension spring principle is similar to the proven strain-relief clamp principle with the tension spring also featuring the separation between mechanical and electrical functions. The corrosion and acid resistant steel tension spring is designed to pull the wire toward the galvanized copper conductor bar. Minor contact resistance and high corrosion resistance are achieved by the tinned surface of the conductor bar. This condition is being maintained due to this equalizing effect.



Leg-spring-principle SFS

As regards the leg spring principle, it is possible to position solid conductors or stranded wires with ferrules directly into the clamping point without the use of any tools. The leg spring brings the wire in contact with the conductor bar. When stranded wires without ferrules are connected or disconnected, it is imperative that the blade pressure lever be actuated.

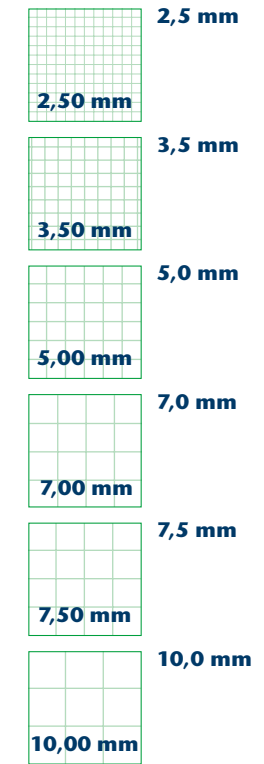
Order Details

for standard printed circuit board connectors

PK	100	12	5,08	V	F	Colour Description
Series Description	pole number	Spacings (mm)	Connecting Direction	Additional information	Colour Code	
PK PKZ PKD PKDR PKDL PZK PKT PBK PBKZ PKB PZB PBT STL PK-TS			V = vertical screw/ plug-in direction H = horizontal screw/ plug-in direction	F = with flange G = with side wall KD = with blade pressure lever FD = with finger pressure lever WD = with angular pressure lever VP = with staggered poles BL = block version	will be mentioned for colours other than standard green colour	

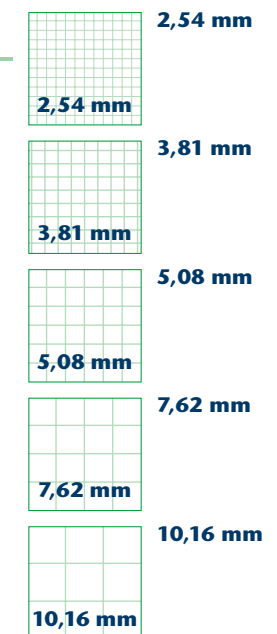
Spacings

metric



Spacings

Inches



Approvals



Approvals issued or applied for.