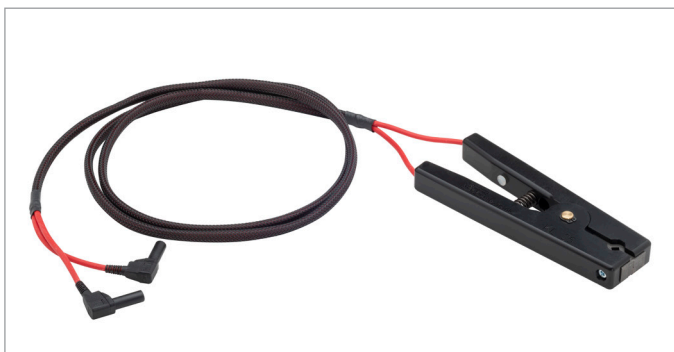


DATA SHEET

Accessories: Connection terminals



Kelvin terminal KL 25



Battery terminal KL 01

Description

Kelvin Terminals

If connections such as threaded bolts or free cable ends must be contacted, Kelvin terminals are used. The name Kelvin describes the applied 4-wire technique. This means that the test signal and the measurement signal (sensor line) is separately led to the DUT. This allows transfer resistances to be compensated. Only with this technique low-impedance measurements on cables or coils are possible. The Kelvin terminal can also be applied with ground bond tests. Here low-impedance lines are to be measured with the ground bond test device. Depending on the application different versions are offered. By exchangeable jaws free cable ends or threaded bolts can be connected.

Versions

	KL 20	KL 25	KL 28
Pressing force	100 N	100 N	100 N
Contact area	20 mm ² (0.03 in. ²)	20 mm ² (0.03 in. ²)	20 mm ² (0.03 in. ²)
Connection cable	available separately	appx. 1,5 m (4.9 ft) with 4 mm (0.16 in.) laboratory plugs	appx. 1,5 m (4.9 ft) with 4 mm (0.16 in.) laboratory plugs
Opening width	30 mm (1.1 in.)	15 mm (0.6 in.)	35 mm (1.4 in.)
Jaws	for free cable ends: of 0.5 to 30 mm Ø (0.02 to 1.2 in.) for threaded bolts: of 2 to 5 mm Ø (0.08 to 0.19 in.)	for free cable ends: of 0.5 to 30 mm Ø (0.02 to 1.2 in.) for threaded bolts: of 2 to 5 mm Ø (0.08 to 0.19 in.)	for free cable ends: of 0.5 to 30 mm Ø (0.02 to 1.2 in.) for threaded bolts: of 2 to 5 mm Ø (0.08 to 0.19 in.)
Material	made of black plastic	made of black plastic	made of black plastic

Description

Battery Terminals

The high-quality battery terminal from SPS electronic is made of yellow galvanised sheet steel and insulated with PVC grips. It can be loaded up to 80A and has a contact area of 10 mm²(0.015 in.²)

Versions

	KL 01
Rated current	up to 80 A
Contact area	10 mm ² (0.015 in. ²)
Connection	can be crimped on or screwed on (ring eyelet M4) with strain relief
Opening width	20 mm (0.8 in.)
Length	125 mm (4.9 in.)
Weight	60 g
Material	made of yellow galvanised sheet steel and insulated with PVC grips