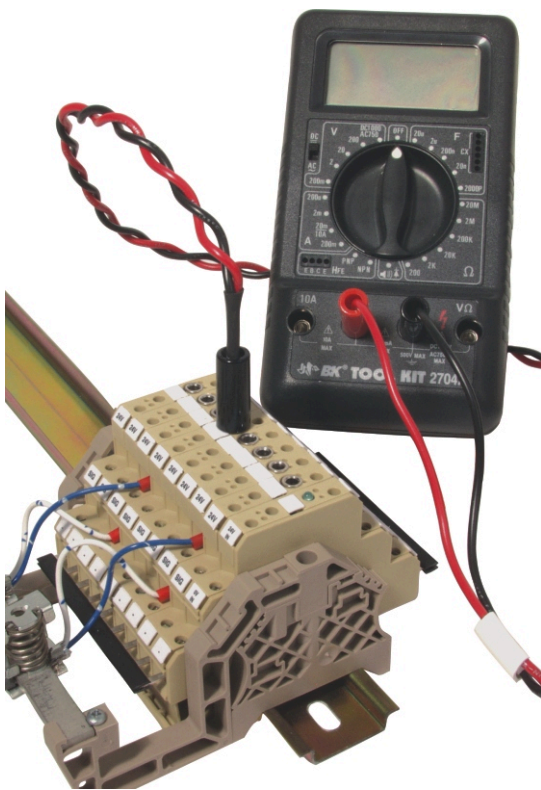


MC6-INS

Instrumentation Terminals

for Current Loops



Shown with optional KLBU Shield Termination System

The MC6-INS offering consists of two specialized terminal blocks and a test cable.

The Power Terminal is used as an interface between a 24Vdc power supply and jumper combs that feed the power to the instrumentation terminals. It includes LED indication and a 0.5A fuse (soldered to PCB).

The instrumentation terminals provide connections for a transmitter and load i.e. a PLC analog input. It also includes a make-before-break switch that allows a test meter to be inserted into a current loop without momentarily opening the loop. There is no need to operate switches or disconnects - just insert the test cable into a socket on the top of the terminal, measure the current, and remove the cable.

Features:

- each terminal is just 8mm wide
- mounts on 32mm and 35mm DIN rails
- clearly labelled terminations
- easy and quick installation accessories such as jumper combs and shield termination systems

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MC6-INS Instrumentation Terminals for Current Loops

Specifications

Power Distribution Terminal

Voltage	24Vdc
Current	0.5A (fused)
through connection (24V-24V, 0V-0V)	6A
fused output (24V - +)	0.5A max. 0.4A recommended max.

Fuse type	Littelfuse 473.500 soldered to PCB
Protection	varistor between 24V and 0V
Voltage indication	red LED

Catalog number

991784 2000

Instrumentation Terminal

Output current	20mA typ.
Make-before-break connector	phono jack

Catalog number

991784 1000

Common Specifications

Wire size	22-12AWG
Molding Material	polyamide 6.6, UL94-V2 rated
Temperature rating	0-60°C
Dimensions (mm)	88.4mm x 8mm x 68.2mm

Test Leads

Terminal end	1/8" phono plug
Meter end	banana plugs
Wire size	18 AWG
Length	1m
Other	colour coded (red & black)

Catalog number

991785 1000

Accessories

Uninsulated jumper comb (58 poles)*	054540 0000
Insulating sleeve	054600 0000
Optional end plate (1.5mm)	C9040396
Test Plugs (PS2)	029380 0000
End plate (required on last terminal in an assembly)	C9040396

KLBU Shield Termination System: Consult "Shield Connection Terminals brochure (literature number 5618600000), "Terminals" catalog (5617680000) page 228, or "Core Assortment" catalog (5617050000) page 1-130.

*Jumper comb and sleeve are easily cut to length

Schematics

