These modules are a convenient and space saving means of connecting field devices to a Foundation Fieldbus network. Included are the following:

- Trunk terminal with test points; connections for +, - and shield as well as test sockets for diagnostic equipment

- Line Terminator; isolated version has 100Ω resistor and 1µF capacitor between + and - while non-isolated version has components between + and shield and between - and shield

- Surge Suppressor; 30 Volt MOV’s between + and -, + and ground and between - and ground

Each terminal is just 8mm wide and is color coded; orange for + terminals and blue for - terminals. An optional jumper comb can be used to bus the +, - and ground lines to minimize the installation time.

Weidmuller also offers an MC6 Current Limiter that limits the current drawn by each field device with the intention of preventing a fault in one device from disrupting the entire network. Please request datasheet #99990232 for more details.
MC6 Foundation Fieldbus Interface Modules

Jumper Combs & Insulation

Test Points

Surge Protection
Trunk Terminal
Trunk Terminal
Current Limiter
Current Limiter
Current Limiter
Current Limiter
Current Limiter
Current Limiter
Line Terminator
End Plate

Trunk
Trunk
Spur (Field Device)
Spur (Field Device)
Spur (Field Device)
Spur (Field Device)
Spur (Field Device)

Line Terminator

Isolated
Cat. #7919440000

Non-Isolated
Cat. #7919440010

Trunk Terminal

Test Sockets

Surge Protection

Ground

Cat. #7919420010 or 7919420000 without test sockets

Specifications

Accessories

Uninsulated jumper comb (58 poles)* 0545400000
Insulating sleeve 0546000000
Optional end plate C9040396
Test plug (PS2) 0293800000

*Jumper comb and sleeve are easily cut to length

Specifications subject to change without notice. 99990233 - 12/01 Printed in Canada