

Benchtop Controllers

iSeries

Consult Sales or Custom Engineering for Special Benchtop Controller Configurations!



MCS-CNi16-TF shown smaller than actual size.

Visit us online for iSeries controller features and complete specifications.

TTSS-18-6 thermocouple sold separately.

MCS Series



- ✓ 1/4, 1/16, and 1/32 DIN Controllers Available in an MCS Case
- ✓ New Compact Size
- ✓ On/Off, Proportional or PID Autotune Control
- ✓ Modular Construction
- ✓ Dual Output Option for Heat/Cool Control

OMEGA can custom design many of its process controllers into a benchtop case, making an excellent choice for laboratory or portable uses. Each unit comes pre-wired with a heavy-duty, 3-wire fused line cord, fused output receptacle and convenient front panel power switch. For thermocouple input controllers, the new universal input connector is used. This connector accepts either the standard round pin (OST, OSTW) connector or the flat pin subminiature style (SMP, SMPW) connector. Units are available with standard mechanical relay output rated between 2.5 A and 10 A at 120 Vac (see individual controller page for specifications). The MCS case features a benchtop tilt stand that facilitates easy viewing of the process temperature. The tilt stand can also be used as a convenient carrying handle. The MCS case offers two top vents that allow heat to dissipate from the case keeping the internal case temperature lower. For power other than 120 Vac, outputs other than mechanical relays, or other models

or options, please consult Application Engineering for availability. Limit controllers are also available in the MCS case.

Specifications

Dimensions:

1/2 and 1/16 DIN: 91 H x 251 W x 260 mm D (3.57 x 9.87 x 10.24")

1/4 DIN: 135 mm H (5.32")

To Order

Model No.	Outputs	DIN Size
MCS-CNi16-(*)	1 A	1/16
MCS-CNi32-(*)	1 A	1/32
MCS-77333-(*)	5 A	1/16
MCS-4001A-K	7 A	1/4

Comes complete with operator's manual.
* Specify thermocouple type and units (°C/°F) if required.

Ordering Example: MCS-CNi32-JF, CNi32, benchtop controller, dual-relay outputs, Type J thermocouple input, °F display.