MYCRO 383
Multi-Point Display Station

USER'S MANUAL

MOORE PRODUCTS CO. Spring House, PA 19477
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(Numerical Listing by FB Number)

ALL STATION TYPES

FB01. Analog Input #1
FB02. Analog Input #2
FB03. Analog Output
FB04. Digital Output #1
FB05. Digital Output #2
FB06. Digital Input

Basic Station only (383B)

FB11. Display & Alarm #1 (Signal)
FB12. Display & Alarm #2 (Signal)
FB13. Display & Alarm #3 (Signal)
FB14. Display & Alarm #4 (Signal)
FB15. Display & Alarm #5 (Signal)
FB16. Display & Alarm #6 (Signal)
FB17. Display & Alarm #7 (Signal)
FB18. Display & Alarm #8 (Signal)
FB19. Display & Alarm #9 (Signal)
FB20. Display & Alarm #10 (Signal)
FB21. Display & Alarm #11 (Signal)
FB22. Display & Alarm #12 (Signal)
FB23. Display & Alarm #13 (Signal)
FB24. Display & Alarm #14 (Signal)
FB25. Display & Alarm #15 (Signal)

Voltage Station only (383V)

FB11. Display & Alarm #1 (Signal)
FB12. Display & Alarm #2 (Signal)
FB13. Display & Alarm #3 (Signal)
FB14. Display & Alarm #4 (Voltage)
FB15. Display & Alarm #5 (Voltage)
FB16. Display & Alarm #6 (Voltage)
FB17. Display & Alarm #7 (Voltage)
FB18. Display & Alarm #8 (Voltage)
FB19. Display & Alarm #9 (Voltage)
FB20. Display & Alarm #10 (Voltage)
FB21. Display & Alarm #11 (Voltage)
FB22. Display & Alarm #12 (Voltage)
FB23. Display & Alarm #13 (Voltage)
FB24. Display & Alarm #14 (Voltage)
FB25. Display & Alarm #15 (Voltage)

Thermocouple Station only (383T)

FB11. Display & Alarm #1 (Signal)
FB12. Display & Alarm #2 (Signal)
FB13. Display & Alarm #3 (Signal)
FB14. Display & Alarm #4 (Signal)
FB15. Display & Alarm #5 (Signal)

FB16. Display & Alarm #6 (Thermocouple)
FB17. Display & Alarm #7 (Thermocouple)
FB18. Display & Alarm #8 (Thermocouple)
FB19. Display & Alarm #9 (Thermocouple)
FB20. Display & Alarm #10 (Thermocouple)
FB21. Display & Alarm #11 (Thermocouple)
FB22. Display & Alarm #12 (Thermocouple)
FB23. Display & Alarm #13 (Thermocouple)
FB24. Display & Alarm #14 (Thermocouple)
FB25. Display & Alarm #15 (Thermocouple)

RTD Input Station only (383R)

FB11. Display & Alarm #1 (Signal)
FB12. Display & Alarm #2 (Signal)
FB13. Display & Alarm #3 (Signal)
FB14. Display & Alarm #4 (Signal)
FB15. Display & Alarm #5 (Signal)
FB16. Display & Alarm #6 (Signal)
FB17. Display & Alarm #7 (Signal)
FB18. Display & Alarm #8 (RTD)
FB19. Display & Alarm #9 (RTD)
FB20. Display & Alarm #10 (RTD)
FB21. Display & Alarm #11 (RTD)
FB22. Display & Alarm #12 (RTD)
FB23. Display & Alarm #13 (RTD)
FB24. Display & Alarm #14 (RTD)
FB25. Display & Alarm #15 (RTD)

ALL STATION TYPES

FB30/S Display. Station Controller
FB31. Multiplier/Divider #1
FB32. Multiplier/Divider #2
FB33. Multiplier/Divider #3
FB34. Adder/Subtractor #1
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FB36. Adder/Subtractor #3
FB41. 5-Segment Characterizer #1
FB42. 5-Segment Characterizer #2
FB43. 5-Segment Characterizer #3
FB45. Quad Logic #1
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FB98. Local Instrument Link Option

Function Block Master Foldout

(Alphabetic Listing, By Function)

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Display & Alarm
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Display & Alarm
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Display & Alarm
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    Thermocouple Input Station only (383T)
Display & Alarm
    #6 through #15 (Thermocouple) ........ FB16-FB25
    RTD Input Station only (383R)
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SECTION 4
MYCRO 383 INSTALLATION AND SERVICE

SD383 Installation and Service Instructions

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AD383-50 Function Block Output Identification Table
The MYCRO 383 Multi-Point Display Station (Model 383) is a stand-alone data acquisition and display station, providing local indication and alarming along with digital communication capabilities to transmit variables to the Local Instrument Link.

A Function Block approach, similar to MYCRO 352 and 382, has been employed for configuration. Functions Blocks are selected and interconnected to perform various functions such as calculations, alarming, and process scaling on signals wired to the Model 383.

The Model 383 is available in four Model types.

- 383B — Basic Station
- 383V — Voltage Input Station
- 383T — Thermocouple Input Station
- 383R — RTD input Station

Each of these types possesses the same number of function blocks. However, the Function Block type for Function Blocks 14 through 25 will vary depending on the type of station. (The function block configuration will vary along with the block type.)

Interfacing to the Local Instrument Link is accomplished through Function Block 98 with the Local Instrument Link interface card option which can be added to each type of Model 383.

Number 3 input option boards are not available for the Model 383.

This manual presents the general instructions, descriptions, and recommendations for using the MYCRO 383. The following sections are included:

- Section 1 — Station Concepts
- Section 2 — Function Blocks
- Section 3 — Factory Configured Options
- Section 4 — MYCRO 383 Installation and Service Instruction (SD383)
- Section 5 — MYCRO 383 Multi-Point Display Station Configuration Documentation (AD383-30)  
  Function Block Output Identification Table (AD383-50)