Production Software Release Notification

MicroTech SmartSource WSHP I/O Expansion Board, Version 2.0 3/29/2024
Software Part Number 2507442020

Controller Name

MT2310
Hardware Part Number 910384386
Related Hardware Part Number (MT2300) 910384405

Files

MT2310_WSHP 2507442020.hex 07/10/2023
MT2310_WSHP 2507442020.zip 11/01/2023

Installation Files: MT2300 Series WSHP Software

- Access to the link requires a Microsoft 365 (M365) or Microsoft Account (MSA)
- To register for a free MSA account, go to https://account.microsoft.com

Source Archive

Source stored in Daikin Azure DevOps Git Repository: MT2310_WSHP_IO

Version 2.0 Modifications

- Added support for SmartSource Two Compressor (SS2C) WSHP unit types.
- Added Compressor 2 High Discharge Temperature alarm support.
- Two Compressor SS2C units with hot gas reheat (HGR) software supports reverse output polarity. This means the HGR output relay is energized to close the HGR valve, and de-energized to open the HGR valve.

Production, TRC/Aftermarket, and Marketing Notes

- Released with MT2300 WSHP controller software PN 2507441020.
- Supports BACnet communication module firmware PN 2507443020.
- The MT2300 base board and MT2310 expansion board support units using low-GWP R32 refrigerant.
- The MT2300/2310 hardware and software applications are not backward compatible with MicroTech III WSHPs.

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Factory Production:

- Update test stand software.
- Refer to OM1362 for MT2300 WSHP software download and programming procedures.

TRC and Aftermarket:

- Refer to OM1362 for MT2300 Series software download and programming procedures.

Marketing: NA

Quality Checklist

Controller Code Testing: Complete	
Documentation: Complete	
DVT UV 2.0.0 Test Report: Pass	03/25/2024
BACnet Testing: Complete	
Factory Download Instructions: NA	
TRC and Aftermarket Instructions: NA	

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Previous Release

Version 1.0

- Initial release to production.
- Application software for the MT2310 I/O expansion board replacement for the MicroTech III WSHP controller.
- The MT2300 controller and MT2310 expansion board support units using low-GWP refrigerant R32.
- The MT2300 hardware and software is not backward compatible with MicroTech III WSHPs.
- Software supports the SmartSource (Series2) WSHP application.
- MT2310 I/O expansion board hex file built on 11–30–2022 at 08:41:40.
- Released with MT2300 software PN 2507441010.
- Released with BACnet communication module firmware PN 2507443010.