

DATA COLD 600 SERIAL SCRIPT



Overview

The DataCold 600 Serial script can run on any of the following devices:

- FM3316 and FM3306 Communicators
- FM3517i and FM3507i Communicators
- FM3617i and FM3607i Communicators
- FM3717i and FM3707i Communicators
- FM3817i and FM3807i Communicators
- Mix4000
- Mix6000

Note that Tracers do not support serial scripts, so this script is not supported on a Tracer.



Installation Instructions

The DataCold 600 device is connected to the FM unit's S3 serial port via the supplied cable harness wired as follows:

CON 2 (COM1 RX) ← S3 DB9 pin 3 (Tx) (FM 10-way Molex – Pin 8)

CON 2 (COM 1 TX) → S3 DB9 pin 2 (Rx) (FM 10-way Molex – Pin 3)

CON 2 (GND) ↔ S3 DB9 PIN 5 (Signal ground) (FM 10-way Molex – Pin 6)

The DataCold 600 device is connected to the Mix4000 S2 serial port via the supplied cable harness wired as follows:

CON 2 (COM1 RX) ← S2 pin 1 (Tx)

CON 2 (COM 1 TX) → S2 pin 2 (Rx)

CON 2 (GND) ↔ S2 pin 6 (Signal ground)



- The serial port should be configured as follows:
38400 Baud rate, 8 bits, no parity, 1 Stop-bit, no handshaking

Version History

Reference	Version	Description
NA	v1.0.0.0	First release of DataCold 600 script.
SCR - 2676	v1.0.0.1	Added Humidity Parameter.

Standard Event Configurations

See 'Events and Parameter Names' document publicly on the CAN Community on the MiX Learning Centre for the generic system event setup specifications.

Note that the events shown in this document are not automatically created in all databases and must be manually created. Additionally, the events are simply examples that were used during testing, and it is up to the user to define and test events for the operational units.

ACRONYM	PARAMETER NAME	PARAMETER DESCRIPTION	Return values/states (if applicable)
DC_CN	S3.DataCOLD500.Connected	DataCOLD500 Device Connected	0 = Not connected 128+ = Connected
DC_T1	S3.DataCOLD500.Temperature1	DataCOLD500 Temperature 1	
DC_T2	S3.DataCOLD500.Temperature2	DataCOLD500 Temperature 2	
DC_T3	S3.DataCOLD500.Temperature3	DataCOLD500 Temperature 3	
DC_T4	S3.DataCOLD500.Temperature4	DataCOLD500 Temperature 4	
DC_T5	S3.DataCOLD500.Temperature5	DataCOLD500 Temperature 5	
DC_T6	S3.DataCOLD500.Temperature6	DataCOLD500 Temperature 6	
DC_H1	S3.DataCOLD600.Humidity1	DataCOLD600 Humidity 1	0 – 100% 404% = Error
DC_H2	S3.DataCOLD600.Humidity2	DataCOLD600 Humidity 2	0 – 100% 404% = Error
DC_H3	S3.DataCOLD600.Humidity3	DataCOLD600 Humidity 3	0 – 100% 404% = Error
DC_H4	S3.DataCOLD600.Humidity4	DataCOLD600 Humidity 4	0 – 100% 404% = Error
DC_H5	S3.DataCOLD600.Humidity5	DataCOLD600 Humidity 5	0 – 100% 404% = Error
DC_H6	S3.DataCOLD600.Humidity6	DataCOLD600 Humidity 6	0 – 100% 404% = Error