



SOFTWARE RELEASE NOTES

MCS-MAGNUM

Version 8.05Q

06/01/2011

Updates from previous versions:

New Features:

1. Added Liquid Injection Solenoid (LIS) test based on motor temperature. Uses a new setpoint #216 "LIS MOTOR TEMP". If active, and motor temperature is greater than this value then Liquid injection solenoid (LIS) is ON. If it is less than this value minus the 'Time (sec)' field of this setpoint then the LIS is OFF.
2. Added logic to adjust the EXV due to a large Rate of Change to the pressure differential. Uses a new setpoint #230 "MAX DIFF PSI ROC".
 - 'Value' field: Maximum Differential Pressure Rate of Change before forcing a change to the EXV position.
 - 'Time (sec)' field: Seconds between samples used for calculating the Rate of Change.
 - 'Safety Down Time(min)' field: Minimum delay between EXV adjustments.
 - 'Sec. to Ignore Safety' field: Delay after compressor start before adjusting the EXV based on the Maximum Differential Pressure Rate of Change.
 - 'Window to Extend Safety Time(sec)' field: Adjustment multiplier to the EXV.
 - 'Safety Time Extension (sec)' field: Adjustment divisor to the EXV.
3. Added extra line on the EXV status screen of the Keypad/Display to show the Adj%, Delay, Diff PSI, and Diff PSI ROC.

07:24	EXV 1	34/34
	IS CLOSED	
	014:49:31	
VLV%	DELAY	SSH ROC
0.0	0	40.0 0.0
-00.0	10	XX.X -XX.X
	PGUP	PGDN

← New Line Valve Adjust %, Delay, Differential Pressure, Differential Pressure ROC

Any questions regarding this release, contact:

support@mcscontrols.com

Micro Control Systems, Inc. 5580 Enterprise Parkway Fort Myers, Florida 33905

(239)694-0089 FAX: (239)694-0031 www.mcscontrols.com

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