

Release notes

Pack controller VS 3010 BS Firmware V5.07





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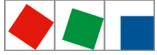
The current operating manual and information such as data sheets, more detailed documentation and FAQs are available for you on-line in E°EDP (Eckelmann ° Electronic Documentation Platform) at www.eckelmann.de/elds



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Release notes

Pack controller VS 3010 BS



A firmware update is **only** to be carried out by trained staff or factory-side by the manufacturer!

The following is a summary of new functions of the current firmware.

New features compared to previous versions

Version V5.07

- Increase of the system stability.

Version V5.06

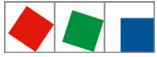
- Supported refrigerants:
R407F, R422A, R422D, R408A, R407D, R407A, R427A, R438A, R449, R152a, R170, R600, R600a, R450A, R448A, R455A, R447B, R1234ze, R1233zd, R1234yf
- LP combined control with capacity-controlled compressors:
fixed-speed compressors can load stage by stage (parameterisable)
- Monitoring of HP-EM.OFF Z1/Z2

Version V4.50

- Demand dependent to-setpoint shift also for TEV controller
- Cascade regulation
- Second refrigerant for cascade regulation
- Base load rotation FC compressor
- Mixed configuration single/multi-stage compressor
- Monitoring of min. superheat
- New message priority concept (prios. 0...99)

Version V4.00

- Low-pressure control
 - Combined control
- High-pressure control
 - Combined control - parallel and stages
 - Star-delta switching of the fan motors
- Frequency converter LP-Z1 and LP-Z2

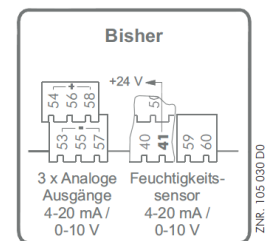
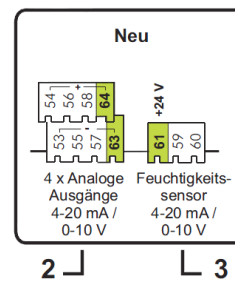
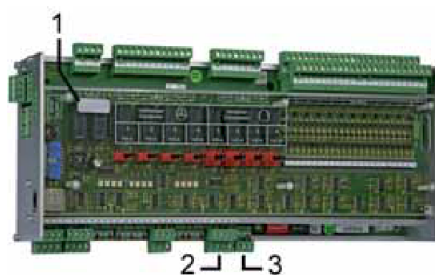


Version V3.05

- Supported refrigerants:
R22, R502, R134a, R402A, R404A, R717, R1270, R507, R407c, R410a, R290, R744 (CO₂, transcritical operation not possible)
- Adjustment of the manual to the new VS 3010 BS hardware.



The pack controllers of the VS 3000 BS series can, without problem, be replaced by the pack controllers of the VS 3010 BS series. The controller ID and the corresponding firmware ID are located on the cover (1). In the course of technical developments, the pack controller hardware has been extended with the addition of an analog output (2) and a humidity sensor at the 24 V terminal (3):



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