



Press release PR_EU_DE-CH_eu.bac LR24ALON (approx. 3679 characters including spaces)

Hinwil/Switzerland, November 2015

Eu.bac certifies Belimo actuator/valve combination

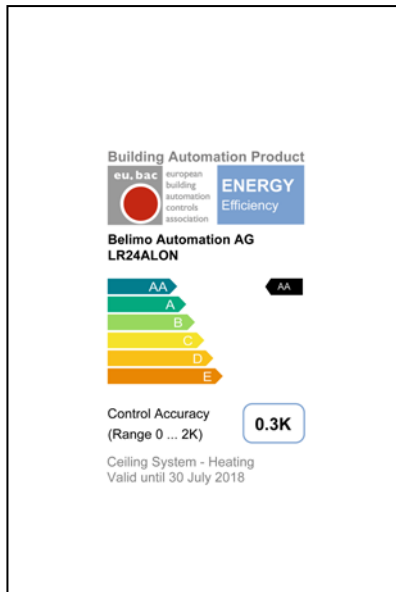
The French CSTB test lab accredited by eu.bac has tested the control accuracy (CA value) of the LR24ALON rotary actuator with integrated single room controller in combination with the 6-way zone valve in accordance with European standard EN15500 and awarded it the eu.bac certificate and AA energy efficiency label.



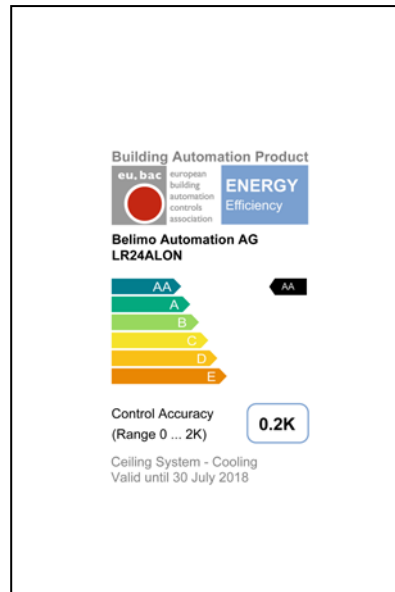
LR24ALON fitted on a 6-way zone valve

Control accuracy test

The control accuracy was tested in the heating/cooling ceiling application intended for a 6-way zone valve and achieved the CA values of 0.3K for the heating sequence and 0.2K for the cooling sequence.



AA energy label for heating sequence



AA energy label for cooling sequence

Certification process

The actual application test in the lab also involves the manufacturer (licence holder) being assessed by the accredited eu.bac test lab. On 16 July 2015 the head office of BELIMO Automation AG in Hinwil/Switzerland was audited by CSTB. The assessment of the relevant production line played a key role in this.



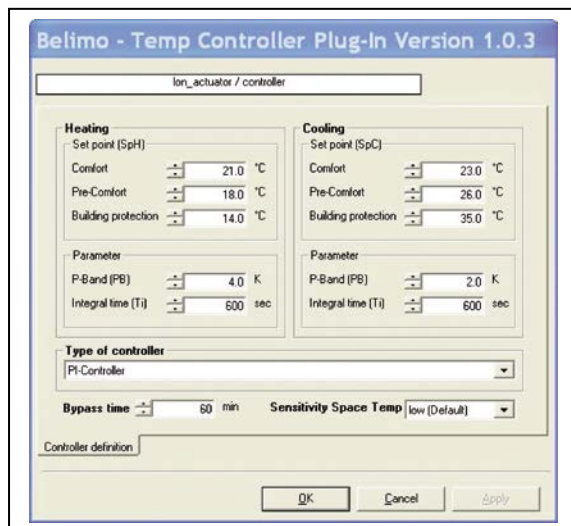
Grégory Picard, Certification Manager CSTB (2nd from left) with the production line managers at BELIMO Automation AG head office, Hinwil/Switzerland

Direct connection and integrated single room controller

The FTT-10A transceiver fitted in the LonMark[®]-certified LR24ALON actuator permits a direct connection to LonWorks[®]. A single room controller (Functional Profile LonMark[®] #8060) is integrated into the actuator in order to reduce the costs of implementation of individual room controls. Thanks to an additional output variable, the 6-way zone valves fitted in the heating/cooling ceilings can be controlled directly by the LR24ALON. Additional controller versions, for CO₂ for example, can be implemented on request.

Free LNS plug-ins available on Belimo website

Free-of-charge LNS plug-ins can be downloaded from the Download Center at www.belimo.ch for the integration of LON actuators in LonWorks[®] systems. These work with common binding tools based on LNS.

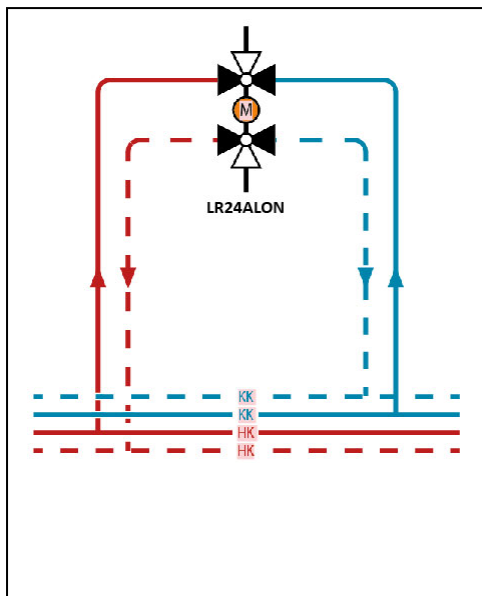


Plug-in for setting the single room controller in the LR24ALON. Download: www.belimo.eu

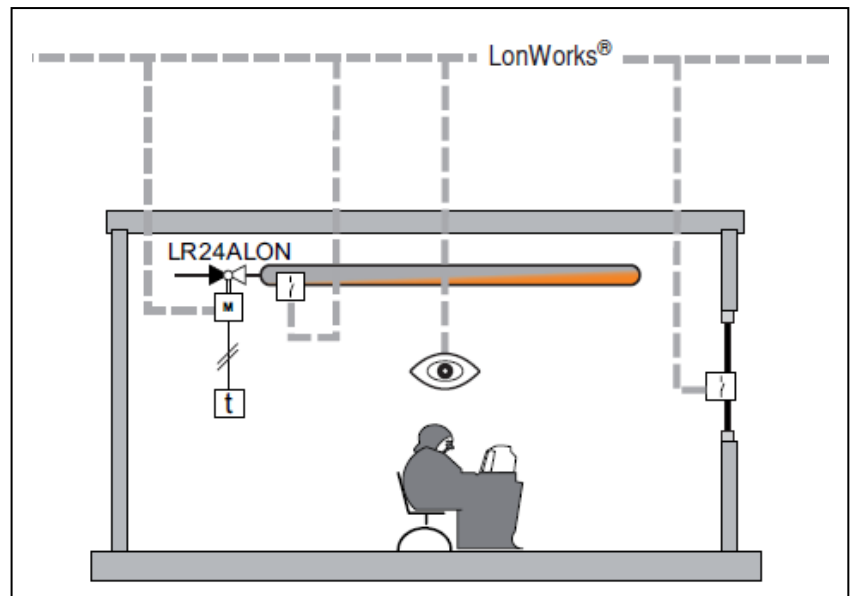
Heating/cooling ceiling application

Both the heating and cooling control sequences can be activated with just one 6-way zone valve from Belimo (Fig. 1). As a result, just one actuator is needed for this assembly. This means fewer cables and data points and less installation work.

The system diagram (Fig. 2) shows a heating/cooling ceiling with room temperature sensor. Window contact, occupancy switch and dew point monitor are integrated directly by means of LonWorks®. The room temperature is controlled via the single room controller integrated in the LR24ALON actuator.



(Fig. 1)



(Fig. 2)

For more information: www.belimo.eu

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The Belimo Group is a leading global manufacturer of innovative electrical actuator and valve solutions for heating, ventilation and air conditioning technology. The Group achieved sales of CHF 494 million in 2014 and employs around 1450 people. For information on the company and its products, visit www.belimo.com/investorrelations.

The shares of BELIMO Holding AG have been traded on the SIX Swiss Exchange since 1995 (BEAN).

LICENCE



europa
building
automation
controls
association

Number: 215463

Belimo Automation AG

received the licence to use the eu.bac mark for the product

LR24ALON

for the application(s)

Ceiling Systems

based on the certification rules of eu.bac
and the Certificate 208000

This licence will expire on 30 July 2021



215463

30 July 2015
Brussels

Managing Director Dr. Peter Hug
eu.bac