
Scope of the Release

High performance machinery drive ACSM1 for lifts will be released for sales in EMEA region in 31.3.2010, offering a dedicated low voltage AC drive module for passenger and goods lifts (elevators). ACSM1 for lifts is easy-to-use, ready-made and fully parametrizable solution for demanding lift application. It is suitable for use with geared and gearless lift systems.

The released ACSM1 for lifts offering is valid for the following types:

- ACSM1-04AL-xxxx-4 / Frame sizes A to E/ 0.75 - 110 kW / Air cooled module
- ACSM1-04CL-xxxx-4 / Frame sizes C and D/ 11 - 45 kW / Cold plate module (for detailed types and ratings, see Product flyer 3AUA0000075727 REV A #14788)

ACSM1 for lift comprises dedicated Lift control program, which incorporates all functions commonly required in passenger and goods lifts. The following lift control functions are available with a basic parameter interface:

- Basic start/stop operation
- Automatic fault reset
- Lift operation modes
- Speed reference selection and scaling
- Speed profile
- Smart slowdown
- Mechanical brake control
- Torque compensation
- Slowdown and Final limit switches
- Protection functions.

Availability

Deliveries can be started from Helsinki factory from 6.4.2010. Delivery time is 5 days from order. The availability data is in the SIS (Sales Information System).

Pricing

The prices can be found in the Common Pricing tool version U from 6.4.2010. The basic prices include Lift control program +N6000 and Lift technology library +N4000.

Ordering

A detailed type code description for available types and options can be found in ACSM1 ordering information document, 3AFE 68870763 Rev. K.

For the time being the plus codes +N6000 Lift control program and +N4000 Lift technology library must be selected in ordering.



Sales Release Note

High performance machinery drive
ACSM1 for lifts
ACSM1-04AL, 0.75 – 110 kW
ACSM1-04CL, 11 – 45 kW

March. 25, 2010
Page 2 of 2
Prepared by:
R.Leinonen

User documentation

Firmware manual
Lift control program for ACSM1 drives
(3AUA0000056610 rev A)

Product flyer
ABB high performance machinery drives for lifts
ACSM1 0.75 to 110 kW / 1 to 150 hp
(3AUA0000075727 REV A #14788)

Presentation material
ACSM1 for lifts - Technical presentation - short version

All documents will be available in ABB Library by 31.3.2010.

Tools

DriveStudio 1.5 can be used for commissioning and Drive SPC 1.5 for drive programming.

Training

One day training with hands-on exercises can be given by request in Helsinki or local venue (contacts through Area manager).