

Product information



EKU-N

Slave for flap control for winches



Hotraco
—Agri—

Hotraco Agri BV
Stationsstraat 142
5963 AC Hegelsom
Tel +31 (0)77 327 50 20
Fax +31 (0)77 327 50 21
info@hotraco.com
www.hotraco.com

EKU-N

Slave for flap control

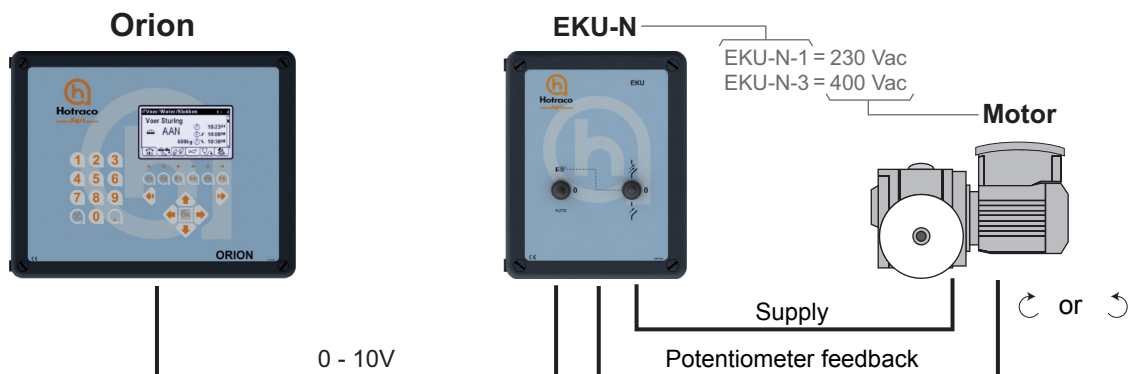
Product information



General

The EKU-N is a slave unit to control, for instance, air inlet motors and is available for single phase as well as three phase motors.

- EKU-N-1 controls single phase motors
- EKU-N-3 controls three phase motors.



The motor can be controlled manually as well as automatically via the EKU-N. In automatic mode the EKU-N receives the desired position from the control computer by means a 0-10V signal (for example, Orion or Sirius). In manual mode the desired position can be set by using the switches on the EKU-N. The motor position feedback is defined by means of a potentiometer that has to be fitted into the gearbox of the motor.

Adjusting the limit positions

To define the limit positions you can use the operating buttons on the circuit board. The LEDs nearby the operating buttons show the status of the EKU-N, for example automatic mode, malfunction or adjusting in progress.

Emergency position

It is possible to set an emergency position in the EKU-N, the air inlets will be controlled to this position when the control signals fails.

Technical specifications

Electrical

Power supply	: 230 Vac \pm 10%, 50/60 Hz
Power consumption	: max. 6 VA
Fuse motor current	: F 5 A
Fuse control current	: T 100 mA

Digital outputs

Motor control	: 230 Vac, max.
Alarm relay	: 24 Vac/dc, 0,5 A

Technical specifications

Analogue inputs

0..10 V control signal : 0-10 V (Ri = 50 kΩ)
 Feedback : Potmeter 10 kΩ

CE-directions

EMC : 2004 / 108 / EC
 Low voltage : 2006 / 95 / EC

Mechanical

Operating temperature range : 0...40 °C
 Dimensions (H x W x D) : 243 x 192 x 117 mm
 Encasing : IP 54 ABS synthetic
 Weight : approx. 2 kg

