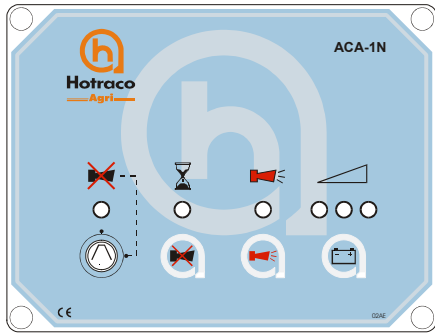


# HOTRACO HELPS



## ACA-1N

Master alarm 1-group

### Hotraco Agri BV

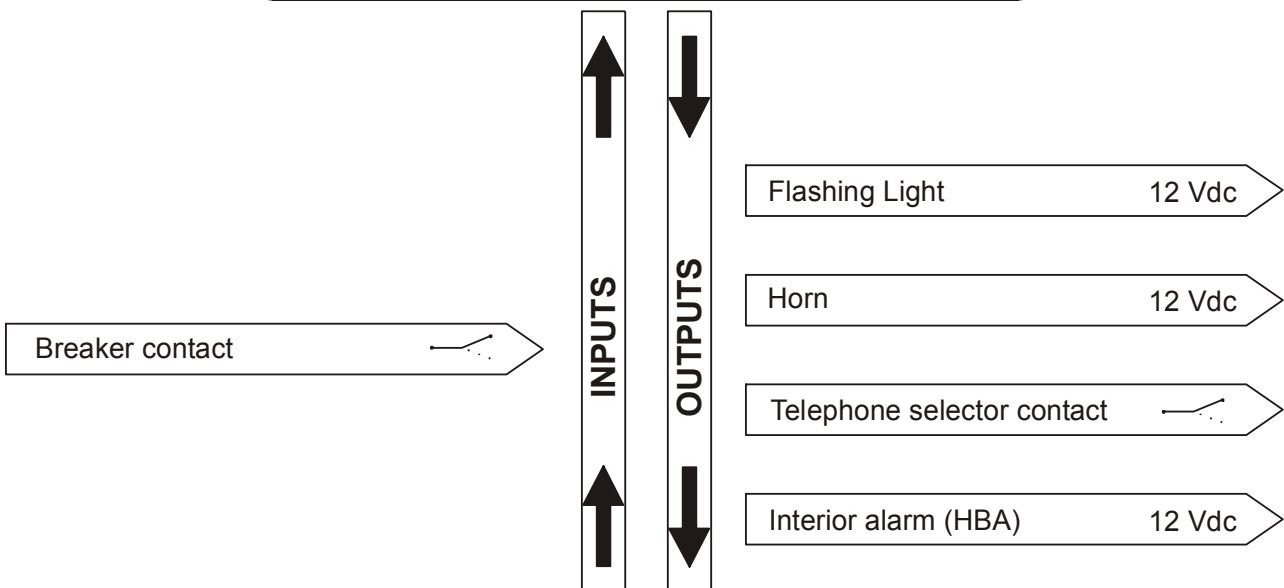
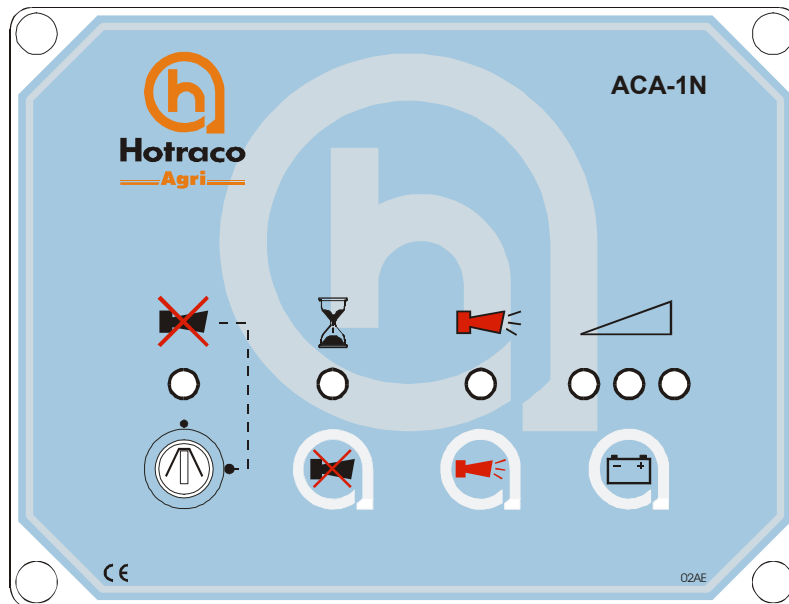
Stationsstraat 142, NL - 5963 AC Hegelsom, P.O. Box 6086, 5960 AB Horst, The Netherlands  
Tel: +31 (0)77 3275020 Fax: +31 (0)77 3275021 Internet: [www.hotraco.com](http://www.hotraco.com)

# ACA-1N

## Master alarm 1 group

### General

The ACA-1N is an alarm device with a single alarm input, allowing connection of signallers like a horn, a flashing light, an interior alarm (HBA) and a telephone selector contact. Setting an alarm delay and suppression time is possible as well as continuous monitoring of charge and discharge current. Every 24 hours the battery capacity is checked and an alarm is released if the capacity drops below a set value.



## **Technical specifications**

### **Electrical**

Power supply	: 230 Vac $\pm$ 10%, 50/60 Hz
Power consumption	: 40 VA
Alarm input	: 24 Vdc / Circuit breaker, R max. 100 $\Omega$
Telephone selector contact	: Dead contact breaker, 24 Vac/dc 0,5 A max.
Flashing light	: Voltage 12 Vdc Fuse T 2 A
Horn	: Voltage 12 Vdc Fuse T 2 A
HBA	: Voltage 12 Vdc Current 60 mA max.
Battery	: 12 Vdc / 2 Ah
Deviation battery test timer	: 17 ppm
Battery voltage indication	: U > 11,5 V ; green U < 11,5 V ; yellow U < 10,5 V ; red
Battery current indication	: I > 1 mA ; green I < 1 mA ; yellow I < -1 mA ; red

### **Complies with EC-directives**

EMC	: 2004 / 108 / CE
Low tension	: 2006 / 95 / CE

### **Mechanical**

Operating temperature range	: 0... 40 °C
Dimensions	: 220 x 168 x 110 mm
Encasing	: IP 54 synthetic
Weight	: approx. 3 kg