

ANSI electric strike

AL110

The Alpro AL110 series is an ANSI style security strike complete with stainless steel short or long faceplates for use in metal or timber door applications.



12/24v Selectable

Stainless Steel Face Plate and Striker

Holding Force

1,750kg (3,860lb) - factory tested

Compact Cast Aluminium Body

35mm overall depth

Deep Jaw

Accepts 13mm latch bolt

Low Current Consumption

200mA - 12v DC continuous ($\pm 15\%$)

100mA - 24v DC continuous ($\pm 15\%$)

Simple Fail Safe/Fail Secure Changeover

Easy Installation

Stick on/Peel off template

Monitored and lipless versions available

Weather Resistant - IP56 Protection as Standard

Options

ANSI short and ANSI long faceplates

Extension lips – 15, 25, 50 and 75mm (pre-drilled strike body)

Spares

Replacement changeover pin

Approvals

EN 61000-6-3 : 2007 EN 50130-4 : 1995+A1

EN 50130-4 : 1998+A2 EN 50130-4 : 2003

AC Compatibility (with RM1)

The Rectifier Sounder Module enables operation with AC voltages.

The sounder can be set for either buzzing or silence with both AC and DC voltages.

The IEC RM1 unit is continuously rated – max 1 amp.



COMPANY	MODEL	COMPANY	MODEL
Accepts 13mm latch bolt when fitted with 3mm door gap			
Adams-Rite	4710, 4720, 4750	Legge	8767, 8157N, E900
ASEC	AS1094, AS1095	Union	2332, 2341, 2349, 2370, 2379
ASSA	3059, 3061, 3062, 8516, 8517, 8518, 8519, 8760, 8761, 8762, 8764	Viro	8516, 8517, 8518, 8519
Chubb	3R35	Yale	3600, 3610, 4103, 6025, 6070

DESCRIPTION	FUNCTION	CODE
12/24vDC ANSI Short SS Strike including mounting kit	Fail Safe/PTL	AL111AS
12/24vDC ANSI Short SS Strike including mounting kit	Fail Secure/PTO	AL112AS
12/24vDC ANSI Long SS Strike including mounting kit	Fail Safe/PTL	AL111BS
12/24vDC ANSI Long SS Strike including mounting kit	Fail Secure/PTO	AL112BS
For monitored version add -M to code e.g. AL111AS-M		
For lipless version add -O to code e.g. AL111AS-O		

ACCESSORIES	CODE
15mm Extension Lip	ALEX1115
25mm Extension Lip	ALEX1125
50mm Extension Lip	ALEX1150
75mm Extension Lip	ALEX1175
Rectifier Sounder Module	IEC-RM1

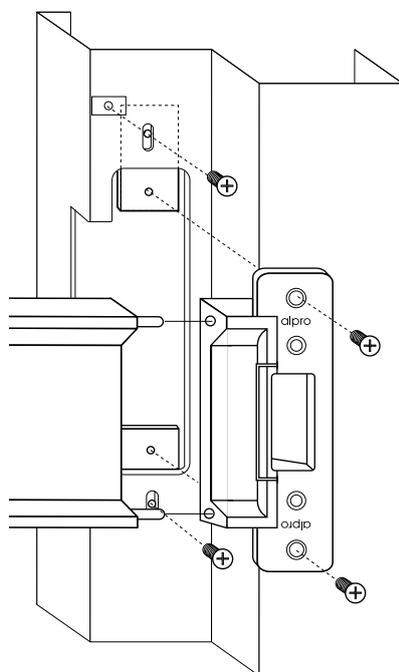
Illustrated AL110 ANSI short metal door preparation

(BS) ANSI long faceplate 200 x 35

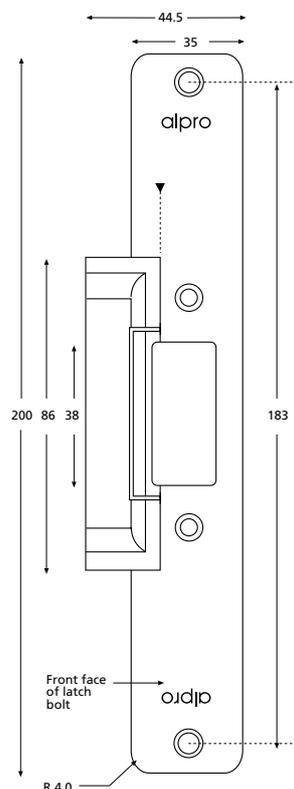
(AS) ANSI short faceplate 124 x 31

15, 25, 50 & 75mm Extension Lips are available as extras

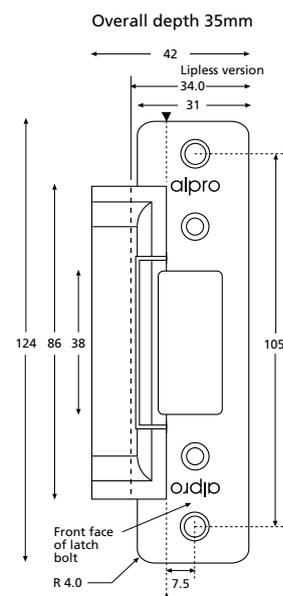
Note: For detail of installation see instructions/ template



(BS) ANSI Long Faceplate



(AS) ANSI Short Faceplate



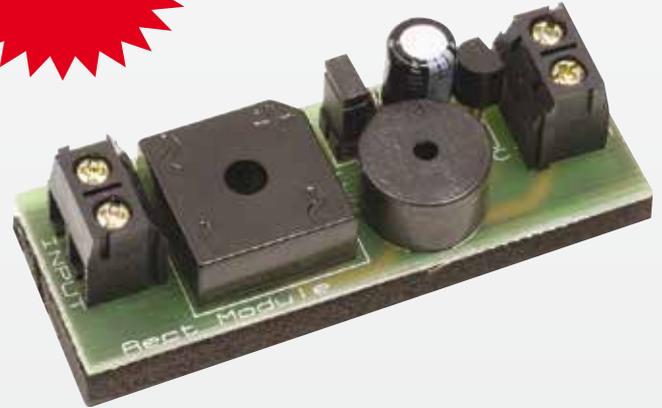
rectifier sound module

RM1

Enables Alpro strikes to operate with AC systems.

Enables use of quality strike at greatly reduced current consumption over dedicated AC strikes.

Only for use with product with maximum current load of 1 amp. Not solenoid bolts or shearlocks for example.



RM1 continuously rated

Switchable buzzer

Buzzer function available on DC - on/off.
Allows for silent operation on AC.

Power

Input voltage range is 12-24v AC +/- 15%
There is no polarity on the AC input
Output will always be lower than the input by 10% approximately. If you require 12v DC output ensure input is at least 13v AC. Standard voltmeters will show the output voltage as lower, this is because the output is not smoothed which will create false readings on your meter.

Current Load

Maximum current load is 1 amp (1000mA).

Sounder

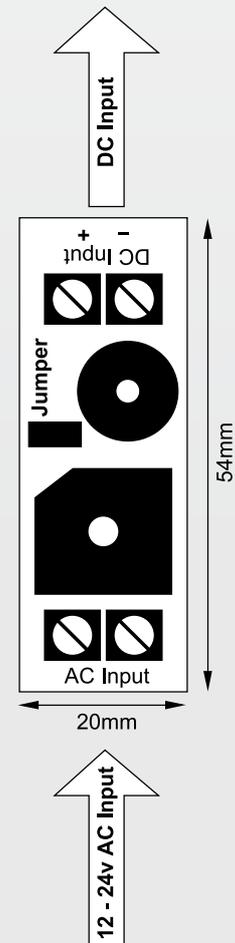
The sounder will sound whenever an input voltage is present, if this is not required remove the link located next to the sounder. Store the link on the pin, in case you change your mind and need it later.

Location

This RM1 Rectifier is not designed to work in damp environments; **and MUST BE protected from moisture**. If this is not possible at the device end of the circuit, the PCB must be removed to a dry position near the AC power source. The exact location of the PCB is not critical; the voltage output will not change significantly.

DC Input

This product will accept a DC input if you only wanted to use the sounder function. There is still no polarity on the input and the output polarity will always be as shown.



DESCRIPTION

Rectifier Sounder Module for AC operation

CODE

IEC-RM1