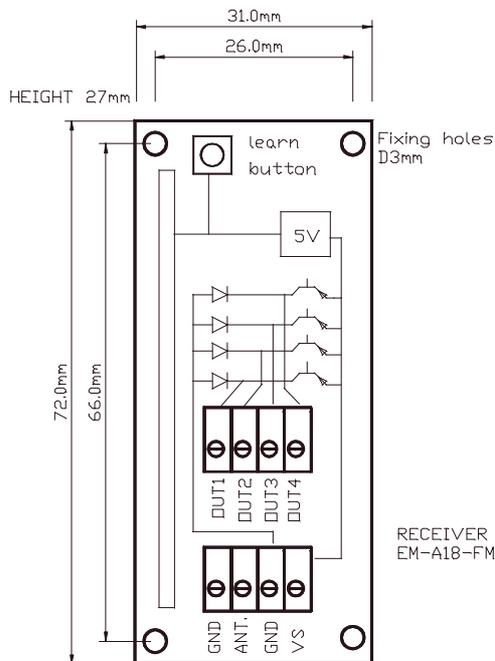
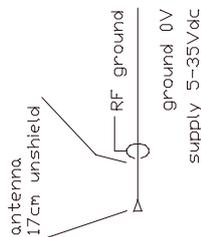


KEYFOB TRANSMITTER EM-A14T-FM-4



RECEIVER MODULE EM-A18-FM-4



EM-A18+14T-4-FM

EM-A18+14T-4-FM is a low range RF remote control system with four outputs. System is using a hopping code like "keyloq". The coding makes possible to use this system also in locking applications, because the receiver obeys only the signals from the matched transmitter. The receiver can be learned "matched" to work with 16 transmitters. Compatible transmitter unit is EM-A14T.

LEARNING

- Push learning button 1s (on EM-A18-FM-4 card)
- Then push transmitter button 1s (EM-A14T-M-4)
- wait about 30s. After this the devices return to their normal operating mode and are ready to run.

CANCEL LEARNING

Receiver will lose all learning information if learning button is pushed over 10s.

TECHNICAL DATA

- Supply voltage 5-35V (Vcc)
- Current cont. 5mA (EM-A18-FM-4)
- Output voltage typ. Vcc-1V
- Output type 4 x PNP open collector
- Output current max. 50 mA
- Operating frequency 433MHz
- Operating range 20m (open field)
- Antenna, 17cm wire
- Output load > 1kohm.
- Response time 100ms.
- Connectors 1mm²
- Dimensions 31x72x27mm
- Dimensions with DIN-rail base 34x80x47mm
- Compatible DIN rail base EM-KP72-31.25
- CE-tested for industrial environment (emc)
- Weight 35g
- Operating temp (Ta) -20...60°C

SPECIFICATIONS	CONTRACT NO.	DATE	COMPANY
	DRAWN BY: K.M.K	25.2.19	ELECTROMEN OY
	CHECKED BY:		TITLE RF-REMOTE CONTROL SYSTEM EM-A18+14T-4-FM receiver module EM-A18-FM-4 keyfob transmitter EM-A14T-FM-4
	DESIGNED BY:		SIZE A4
	DESIGN ACTIVITY		FSCM NO.
	CUSTOMER		DWG NO. / FILE NAME
			SCALE
			DATE
			SHEET 1 of 1