



AL14R.RX

RADIO CAN BUS MODULE



- Receiver radio module for remote machinery control
- Designed to operate in systems with high safety level architectures
- Excellent signal reception and a reliable radio link over a wide area
- External antenna
- Metal case and the ILME type connector
- Suitable for harsh working environments.

TECHNICAL FEATURES

MASTER CODE	AL14R.RX
POWER SUPPLY	9-36 VDC CURRENT CONSUMPTION: 30 mA (standby) – 100 mA (active) @ 24VDC
RADIO FEATURES	FREQUENCY: 433,92 MHz MODULATION: 2-GFSK ANTENNA: EXTERNAL
RADIO PROTOCOL	MONODIRECTIONAL LINK HAMMING DISTANCE = 4 SAFETY STOP INTERVENTION TIME < 0,5s
CONNECTIONS	MAIN: ILME 16-PIN CNEF16T ANTENNA: SMA socket
CASE	METAL CASE
PROTECTION	SMA ANTENNA: IP65
WORKING TEMPERATURE	-40°C +85°C
OUTPUT	14 DIGITAL OUTPUT MAX 3 A
CYCLE TIME	RADIO CONNECTION: 50 ms



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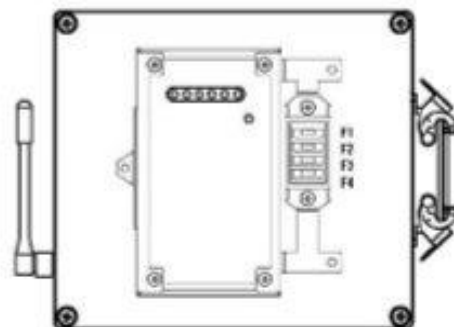
STANDARDS

ELECTROMAGNETIC (EMC)	ACCORDING TO DIRECTIVE 2014/30/EU:
	EN 61000-6-4
	EN 61000-6-2
	EN 50498

ROAD VEHICLES	ISO 7637-2: 2011
	ISO 11452-1: 2005

INFORMATION TECHNOLOGY EQUIPMENT – SAFETY	EN 60950-1
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RADIO SPECTRUM MATTERS (RED)	ACCORDING TO DIRECTIVE 2014/53/EU:
	ETSI EN 300.220-1
	ETSI EN 300.220-2
	ETSI EN 301.489-1
	ETSI EN 301.489-3

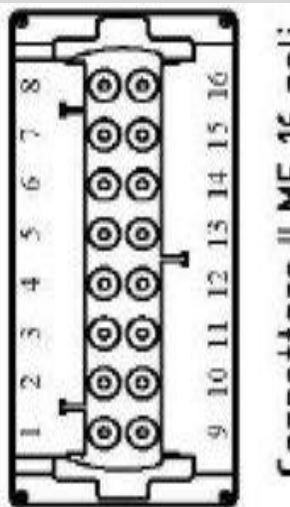


SIZE (mm)



CONNECTOR PINOUT

MAIN CONNECTOR



PIN	DESCRIPTION	PIN	DESCRIPTION
1	POSITIVE POWER SUPPLY	9	OUTPUT 7
2	GND	10	OUTPUT 8
3	OUTPUT 1	11	OUTPUT 9
4	OUTPUT 2	12	OUTPUT 10
5	OUTPUT 3	13	OUTPUT 11
6	OUTPUT 4	14	OUTPUT 12
7	OUTPUT 5	15	OUTPUT 13
8	OUTPUT 6	16	OUTPUT 14

SMA EXTERNAL CONNECTOR



WHIP ADJUSTABLE ANTENNA
SMA PLUG
433 MHz BAND
Housed in a rugged flexible plastic



PUK RUGGED ANTENNA
SMA PLUG with RG174 CABLE LENGHT 1,5 m
433 MHz BAND
Housed in waterproof IP67 rugged low-profile
Fixed through M14



NOTE