



AL14.TX

DIGITAL RADIO PUSHBUTTON



- Pushbutton for remote control applications on machines/equipment compatible with RDC EVO or AL14R.RX
- 10 or 14 key keypad
- On request, side button for custom application
- Customized keyboard graphic
- Hamming security code for continuous work without interruptions on 434 MHz band

TECHNICAL DATA

MASTER CODE	AL14R.TX
POWER SUPPLY	3.6V 600 mAh NiMh
BUTTONS	MEMBRANE KEYPADS WITH UP TO N. 10/14 FRONTAL KEYS (N.5 WITH INTEGRATED SPOTLIGHT) N. 1 SIDE BUTTON (OPTIONAL) N. 1 EMERGENCY STOP BUTTON
LED	N. 1 ON/OFF LED N. 1 BATTERY STATUS LED
RADIO FEATURES	FREQUENCY: 433,92 MHz HAMMING SECURITY CODE "L" VERSION: MONODIRECTIONAL "XL" VERSION: BI-DIRECTIONAL
AUTONOMY	UP TO 12 HOURS IN CONTINUOUS TRANSMISSION
RECHARGE	8 HOURS (MAX)
CONNECTIONS	INTEGRATED BATTERY CHARGER CONNECTOR (9÷36 VDC FROM EXTERNAL POWER SOURCE)
WORKING TEMPERATURE	-20°C +60°C
PROTECTION	IP54

ELECTRONIC FEATURES

INTERNAL SYSTEM CONTROL	LOGIC MICROPROCESSOR WATCHDOG
CYCLE TIME	< 10 ms



(25/06/2025) - 1



AL14.TX

DIGITAL RADIO PUSHBUTTON

STANDARDS

ELECTROMAGNETIC (EMC)

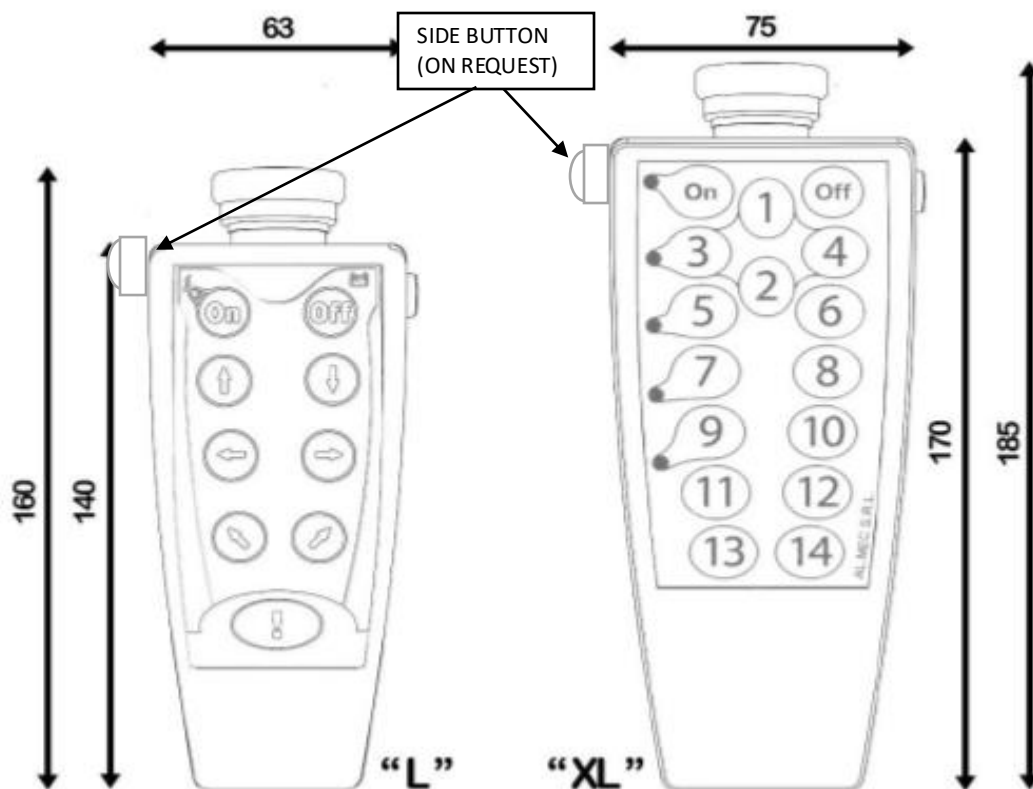
ACCORDING TO DIRECTIVE 2014/30/EU:
EN 61000-6-4
EN 61000-6-2
EN 50498

RADIO SPECTRUM MATTERS (RED)

ACCORDING TO DIRECTIVE 2014/53/EU:
ETSI EN 300.220-1
ETSI EN 301.489-1
ETSI EN 301.489-3

ACCORDING WITH THE EN50498 THE DEVICE MEETS THE TECHNICAL SPECIFIC REQUIREMENTS OF 2004-104 DIRECTIVE (AUTOMOTIVE).

SIZE (mm)



SIZE (mm)

BATTERY CHARGER with spiral cable included
INPUT: 12/24 VDC

OPTIONAL:
BATTERY CHARGER with spiral cable
INPUT: 220/230 VAC



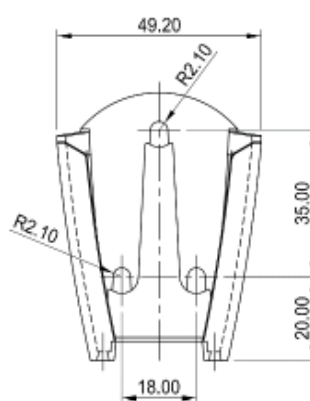


AL14.TX

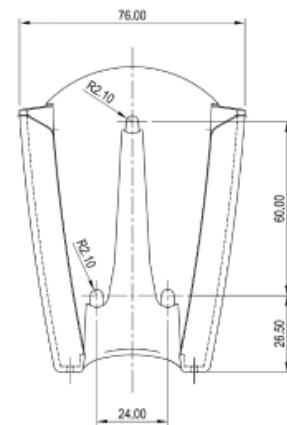
DIGITAL RADIO PUSHBUTTON

SIZE (mm)

MOUNTING BRACKET
Included



"L" VERSION



"XL" VERSION

OPTIONAL:
PROTECTIVE FAUX LEATHER CASE
WITH SHOULDER BELT



CUSTOMIZABLE KEYBOARD GRAPHIC



SIZE (mm)

TECHNICAL FEATURES (SEE THE DATASHEET ON WEB FOR MORE INFORMATION)

MASTER CODE	RDC EVO	AL14R.RX
POWER SUPPLY	9 - 30 VDC	9 - 30 VDC
COMMUNICATION	NETWORK: CAN BUS 2.0B COMPLIANT RADIO: 434 MHz BAND	RADIO: 434 MHz BAND
CONNECTIONS	MAIN: TE DEUTSCH DTF13-6P ANTENNA: SMA socket	MAIN: ILME 16- PIN CNEF16T ANTENNA: SMA socket
CASE	ENCAPSULATED IN PUR RESIN - SELF- EXTINGUISHING UL94 (V0)	ALLUMINIUM
I/O	SAFETY OUT	14 COMMAND OUTPUT SAFETY OUT



AL14R	AL14R.RX	RDC EVO
RADIO TRANSMITTER	RADIO RECEIVER	RADIO RECEIVER



NOTE