



AL.MEC

M E C H A T R O N I C S

AL35TX00

BIDIRECTIONAL PUSHBUTTON



TECHNICAL FEATURES

MASTER CODE	AL35TX00
POWER SUPPLY	9-36 VDC / CURRENT ABSORPTION 25mA AT 24VDC (STAND BY MODE)
KEY	N. 14 KEYS N. 2 BUTTONS N. 1 EMERGENCY BUTTON
LED	N. 8 PROGRAMMABLE LEDS M.1 AL35TX00 STATUS LED
CAN BUS	2.0B COMPLIANT - (11, 29 BIT) - ISO 11898 - UP TO 1MBIT/S
CAN BUS PROTOCOLS	CAN OPEN (CIA DS301 DEVICE PROFILE FOR GENERIC I/O MODULE, WITH DS306 EDS FILE)- SAE J1939 - ISO 11783 (ISO BUS) – FMS
SERIAL	RS 422 – RS485
CONNECTION	N.1 AMP SUPERSEAL 6 PIN
WORKING TEMPERATURE	-40°C +80°C

ELECTRONIC FEATURES

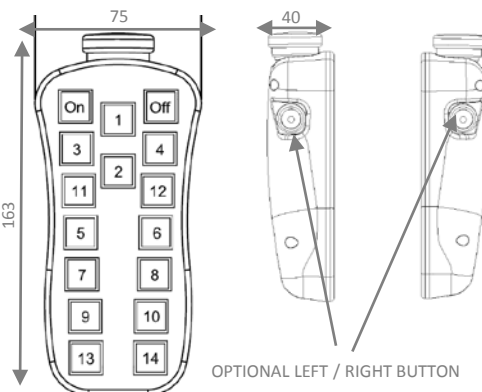
SLAVE USAGE	BY EDS FILE (CODESYS COMPATIBLE)
PROGRAMMING	FIRMWARE UPLOAD BY CAN BUS WITH ALOADER SOFTWARE TOOL
CYCLE TIME	< 10 mS

STANDARDS

ELECTROMAGNETIC EMISSIONS	EN 61000-6-4// EN 55011 (RF RADIATE)
ELECTROMAGNETIC IMMUNITY	EN 61000-6-2// EN 61000-4-2/3/4/6
IP	BOX IP65
EMERGENCY PUSH-BUTTON	EN418

IN ACCORDANCE WITH THE EN50948 THE DEVICE MEETS THE TECHNICAL SPECIFIC REQUIREMENTS OF 2004-104 DIRECTIVE (AUTOMOTIVE). THE DEVICE IS EMC 2004/108 COMPLIANT.

SIZE



OPTIONAL LEFT / RIGHT BUTTON



RS422 – RS485 VERSION CONNECTIONS

PIN	COLOR	DESCRIPTION
1	BLACK	POSITIVE POWER SUPPLY
2	GREY	NEGATIVE POWER SUPPLY
3	YELLOW	RS232
4	ORANGE	RS232
5	BROWN	EMERGENCY BUTTON DRY CONTACT
6	VIOLET	EMERGENCY BUTTON DRY CONTACT

CAN VERSION CONNECTIONS

PIN	COLOR	DESCRIPTION
1	BROWN	POSITIVE POWER SUPPLY
2	ORANGE	CAN H
3	WHITE	NEGATIVE POWER SUPPLY
4	YELLOW	CAN L
5	VIOLET	EMERGENCY BUTTON DRY CONTACT
6	TURQUOISE	EMERGENCY BUTTON DRY CONTACT

BICOLOR LED
(EXTENSIBLE TO ALL
PUSHBUTTON)

STATUS LED

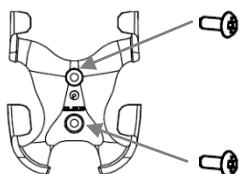


LAYOUT EXAMPLE

CUSTOM KEYBOARDS



MOUNTING



MOUNT THE BRACKET WITH 2
PARKER SCREW (Ø 4MM)



MAGNETIC COUPLING

