ALNW.J	HANDLE CONTROL WITH JOYSTICK

- **Light and rugged control device**
- Designed for machines equipped with a **CAN BUS network.**
- Miniaturized **2-axis joysticks** in hall technology
- **10 keys** keypad with a backlight and integrated spotlight led
- Up to **3 side button**.
- Emergency button with **dry contacts**,
- customizable keyboard graphic

TECHNICAL DATA

MASTER CODE	ALNW.J
POWER SUPPLY	9-30 VDC / CURRENT ABSORPTION 8,5mA @ 24VDC (STAND BY MODE)
BUTTONS	N. 10 FRONTAL KEYS (WITH *HIGH POWER* INTEGRATED BACKLIGHT AND SPOTLIGHT) UP TO 2 LEFT SIDE BUTTONS (OPTIONAL) UP TO 1 RIGHT SIDE BUTTON (OPTIONAL) N. 1 EMERGENCY STOP BUTTON
JOYSTICK	OPERATION FORCE 1.5 N ±0.5 N DEFLECTION ANGLE ± 22.5° each direction CENTERING SPRING RETURN LIFETIME 5 Mio. cycles Round, guided feel Round, no guided feel Cross gate
LED	N. 16 PROGRAMMABLE SPOTLIGHT LEDS (PUSHBUTTONS INTEGRATED) N. 1 POWER SUPPLY STATUS N.3 STATUS LED (GREEN & RED BICOLOR) RAMP DISPLAY X3 LED
BUZZER	YES (low dB)
NETWORK FEATURES	CAN BUS PORT 2.0B COMPLIANT - (11, 29 BIT) - ISO 11898 - UP TO 1MBIT/S - PROTOCOLS: CAN OPEN (CiA DS401 DEVICE PROFILE FOR GENERIC I/O MODULE, WITH DS306 EDS FILE) SERIAL PORT (OPTIONAL): RS232 / 422 / 485
CONNECTIONS	SPIRAL CABLE WITH RUGGED CONNECTOR (see page 2 for options)
TEMPERATURE	OPERATING: -20 … +60°C

ELECTRONIC AND ELECTRICAL FEATURESC

SLAVE USAGE	EDS FILE
PROGRAMMING	FIRMWARE UPLOAD BY CAN BUS WITH ALOADER SOFTWARE TOOL
EMERGENCY STOP BUTTON	MAX 35 VDC; 2 A

Scan me

*Cautionary value verified in our laboratories under typical operating conditions
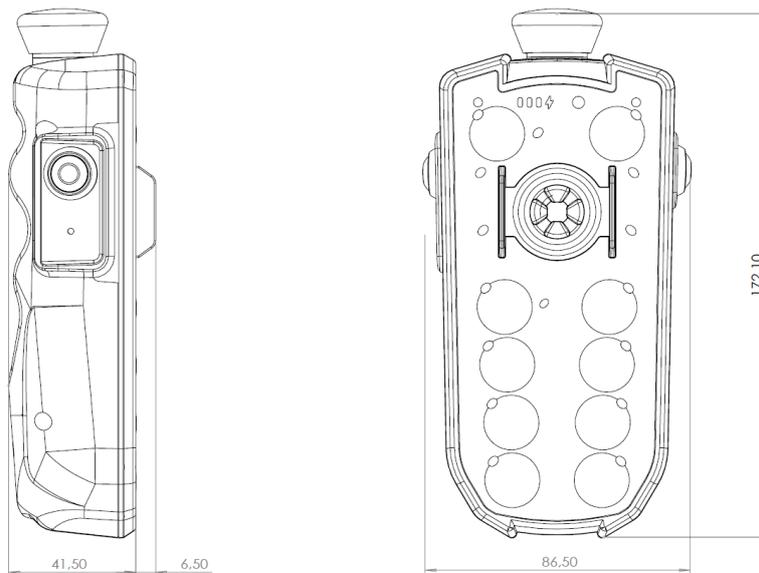
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ELECTRONIC FEATURES

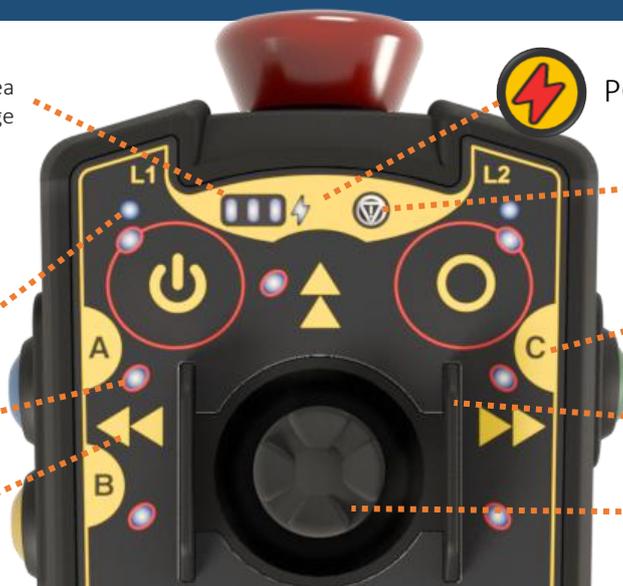|	
APPROVALS	CE (EMC)
ELECTROMAGNETIC (EMC)	EN 61000-6-4 EN 61000-6-2 EN 50498
EMEGENCY STOP BUTTON (manufacturer's specification)	EN60947-5-1 EN60947-5-5
ENVIRONMENTAL TESTING	IEC 60068-2-64 IEC 60068-2-27 IEC 60068-2-27 IEC 60068-2-30
PROTECTION	IEC 60529 (IP64)

SIZE (mm)

FEATURES

3 color LED display located in the front area custom usage

POWER SUPPLY

PUSHBUTTON STATUS LED
emergency stop button feedback

BICOLOR STATUS LED
Custom application use

SPOTLIGHT LED
Integrated on each key

BACKLIGHT
Integrated on each key and logo area

CUSTOMIZABLE GRAPHIC
Pictograms, colors and company logo

LOW PROFILE GUARD
To avoid accidental operations

RUBBER HANDLE
For a better user grip

2

CONNECTIONS

SPIRAL CABLE STANDARD LENGHT = 0,80 m (EXTENDED L = 2m)
Optional: SPIRAL CABLE LENGHT = 1,05 m (EXTENDED L = 3,5m)

AMP SUPERSEAL 6 PIN CONNECTOR

CONNECTION PINOUT – CAN BUS NETWORK	
PIN	**DESCRIPTION**
1	POSITIVE POWER SUPPLY
2	CAN H
3	NEGATIVE POWER SUPPLY
4	CAN L
5	EMERGENCY BUTTON DRY CONTACT
6	EMERGENCY BUTTON DRY CONTACT

UTG6128PN SOURIAU CONNECTOR

CONNECTION PINOUT – CAN BUS NETWORK	
PIN	**DESCRIPTION**
A	POSITIVE POWER SUPPLY
B	NEGATIVE POWER SUPPLY
C	CAN H
D	CAN L
E	EMERGENCY BUTTON DRY CONTACT
F	EMERGENCY BUTTON DRY CONTACT

FEATURES

MOUNTING BRACKET
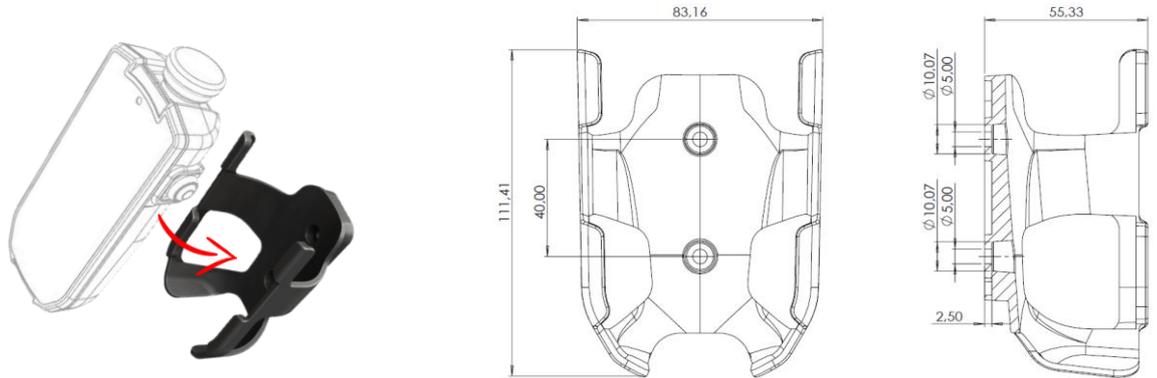
CUSTOMIZABLE KEYBOARD GRAPHIC

OPTIONAL

INTEGRATED MAGNETIC BRACKET