

Thank you for purchasing a commandHMI!
Before installing or operating the unit, please read this installation guide carefully to ensure correct use.

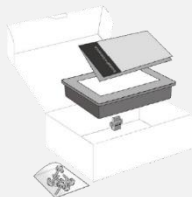


For detailed specifications and operation, please refer to the **[Help] menu** of the **HMI-Tool software** found at support.aceautomation.eu

Compliances FCC, Class A
Tested to conform to European CE requirements EN50022/24
Dielectric strength test 1000V AC,1 minute
IP 65 Front Panel

Unpacking the Unit

- This installation Instruction
- CommandHMI
- Power connector on the HMI
- 4 brackets with screws



Cutout and Power supply

HMI Screen size	Cutout	Power supply
4.3" 16/9	142 x 85 mm	12 - 24 VDC +/-15%
5.0" 16/9	157 x 95 mm	12 - 24 VDC +/-15%
7.0" 16/9	192 x 138 mm	12 - 24 VDC +/-15%
10.2" 16/9	259 x 201 mm	24 VDC +/-15%

→ Do not press the screen (but the frame) to insert the HMI into the cut-out of its slot!



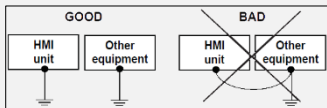
Wiring of the SUB-D9 serial port(s) of the HMI

	RS232	2:RX↔Tx*	3:TX↔Rx*	5:GND↔▽*	
	RS422	6:RX-	7:RX+	8:TX-	9:TX+
	RS485	8:B-	9:A+		

*Wiring of the **CBL-SC1 HMI cable** to the **ACE PLC**



Connecting power supply and ground



→ HMI and other equipment must have the **same electrical grounding** (reference voltage level), otherwise communication errors may occur.

Connecting the PC with HMI-Tool software

Connect the cable on the **USB-A side** to the **PC** and on the **USB-B side** to the **HMI**



USB A
(PC)



USB B
(HMI)

→ We suggest you use our **USB isolator** if you want to connect your PC to the HMI or ACE PLC in an **industrial environment** to **avoid problems** with potential differences between the 2 devices

DIP-Switch on the back of the HMI

	1	2	3	4	5
Normal operation	OFF	OFF	OFF	OFF	OFF
Touch screen calibration	ON	OFF	OFF	OFF	OFF
Parameter display (Versions)	OFF	ON	OFF	OFF	OFF
Parameter Setting (Clock, IP,...)	ON	OFF	ON	OFF	OFF

See our *Amazing PLCs, HMIs & Modbus MQTT Gateway*
at aceautomation.eu