

EC-VIS-G-D480X272PX-P GRAPHIC DISPLAY UNIT**new****DESCRIPTION**

The Opus A3 color display unit is a cost-effective, rugged operator control panels for use on heavy-duty vehicles and work machines that must operate outdoors in harsh conditions. It is fully equipped with (3) hard and (8) soft function keys, push-button encoder, integrated buzzer.

FEATURES

- Color display control unit to be fixed inside a cabin.
- Mounting adaptor on the rear for installation.
- CAN Bus 2.0, USB 2.0, RS232 connections.
- Color Graphic display 480 x 272 px ,15:9 led backlighted.

MECHANICAL / ENVIRONMENTAL SPECIFICATIONS

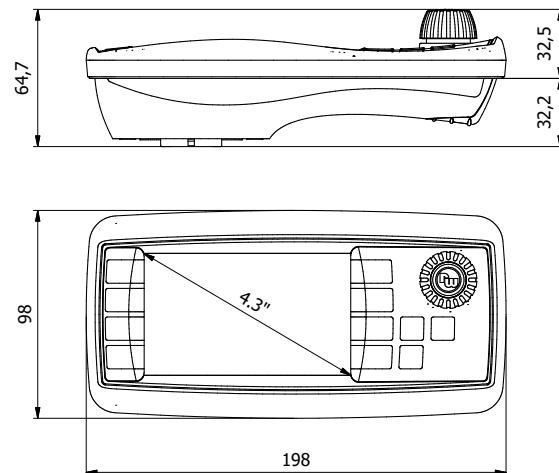
Dimensions:	198 x 98 x 64.7 mm
Housing:	Plastic body, colored light grey with black rubber frame.
Operating temperature:	-30 / 65°C
Degree of protection:	IP 67
Main Connector 26 poles:	Tyco-AMP 1437288-6
Mating connector:	Tyco-AMP 3-1437290-7
Mating crimp contacts:	Tyco-AMP 3-1447221-4
Dummy plug	Tyco AMP 4-1437284-3

ELECTRICAL SPECIFICATIONS**Display**

Type:	TFT Color Graphic LCD
Resolution:	480 x 272 px
Viewing area:	95 x 53 mm (4,3")
Backlight:	led
Backlight color:	16.7 Mio.
Contrast Ratio:	400:1

ELECTRONIC CONTROL UNIT

Operating voltage:	9+36 VDC
Communication interfaces:	2 x CAN Bus USB 2.0 RS 232
Left keypad:	4 Keys Blue led backlight
Right keypad:	4+3 Keys Blue led backlight
Indicators and sensors:	Light sensor 1 Multicolor led 2 status led
Encoder:	Mechanical with push function

**DIMENSIONS****APPLICATIONS**

- In-cab terminal.
- Service/Maintenance Tool.
- Diagnostic/Configuration unit.

WARNING: the specifications/application data shown in our catalogs and data sheets are intended only as a general guide for the product described (herein). Any specific application should not be undertaken without independent study, evaluation, and testing for suitability.

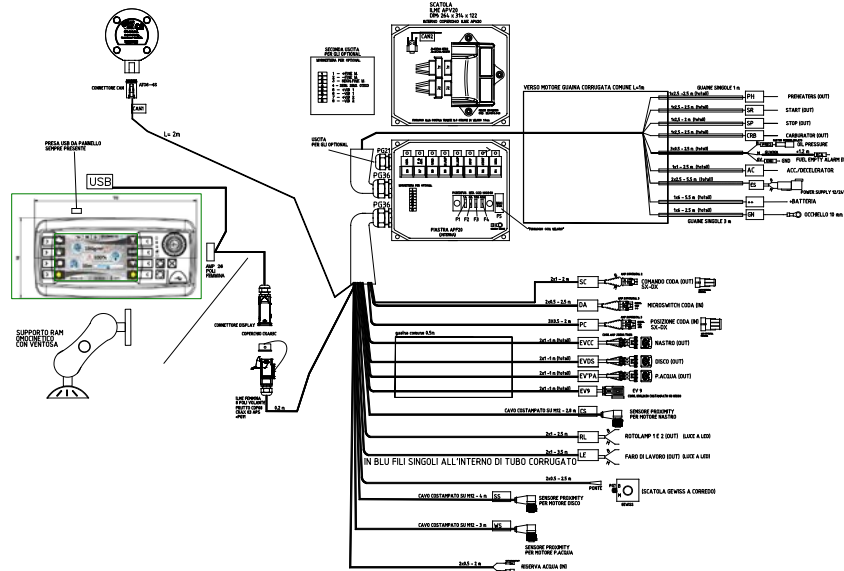
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CIRCUIT BOARD PINOUT - WIRING DIAGRAM



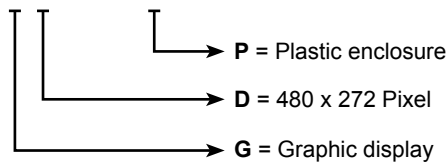
Pin. No.	Assignment	Description	Pin. No.	Assignment	Description
1	VCC	supply voltage +; terminal 30	14	USB_D-	USB Data line -
2	Ignition Input	ignition input; terminal 15	15	USB_D+	USB Data line +
3	GND	supply voltage-; terminal 31	16	RS232 RxD	RS232 receive data
4	CarGND	Car ground	17	RS232 TxD	RS232 transmit data
5	n.c.	Not connected	18	RS232 GND	RS232 ground
6	n.c.	Not connected	19	n.c.	Not connected
7	n.c.	Not connected	20	n.c.	Not connected
8	CAN1H	CAN 1 high	21	n.c.	Not connected
9	CAN1L	CAN 1 low	22	n.c.	Not connected
10	CAN2H	CAN 2 high	23	SERV_EN	service enable
11	CAN2L	CAN 2 low	24	n.c.	Not connected
12	USB_VCC	USB+5V DC supply	25	n.c.	Not connected
13	USB_GND	USB supply ground	26	n.c.	Not connected

APPLICATION EXAMPLE



ORDERING INFORMATION

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