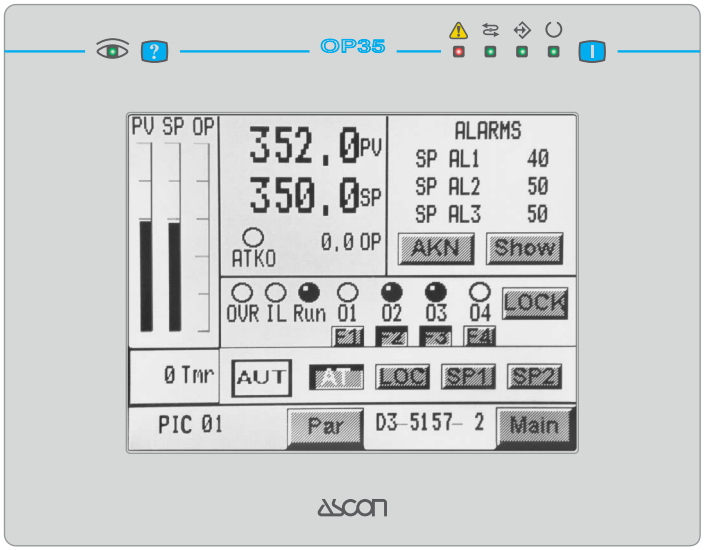
OP
SERIES

Industrial Operator Panel with 5.6" touch screen graphic display **OP 35** line

- 5.6" graphic display
- 8 grey level display
- Long-life white LED backlight
- 1/4 VGA (320 x 240 pixels) resolution
- Resistive touch screen
- Connection to industrial bus systems (more than 130 drivers) and Ethernet
- Plug-in communication modules for DeviceNet, Interbus, CANopen and Ethernet
- 32 MB user memory
- IP65 front panel protection
- **Auto-configuration for ASCON deltadue® modules**
- Programmable with Designer software (optional)
- Dual-driver communications capability
- Display data in alphanumeric and graphical formats
- Dynamic graphic objects
- Data acquisition and trend presentation
- Analog gauge objects
- Recipe storage
- Multi-language support
- Powerful macro editor for touch screen operations
- Alarms and historical alarm list
- Up to eight levels of password protection
- Report printing to serial printer



E

ISO 9001 Certified

ASCON spa
Via Falzarego, 9/11 - 20021 Baranzate - (Milano) Italy - Tel. +39 02 333 371; Fax +39 02 350 4243
http://www.ascon.it - e-mail: sales@ascon.it

ASCON Corporation
Tel.: +1 630 482 2950; Fax: +1 630 482 2956
http://www.asconcorp.com
e-mail: info@asconcorp.com

ASCON France
Tél.: +33 (0) 1 64 30 62 62; Fax: +33 (0) 1 64 30 84 98
http://www.ascon.fr
e-mail: ascon.france@ascon.fr

Technical data

Display	
Type	Monochrome LCD
Graphic resolution	1/4 VGA, 320 x 240 pixels
Active display area	121 x 91 mm (5.6" diagonal)
Backlight	White LED
Brightness	60 cd/m^2 typ.

Memory	
User memory	32 MB Internal flash
Back-up memory	Optional removable 32 MB SSFDC card

Interfaces	
PC/Printer port	Standard
PLC port	RS-232, RS-485, RS-422, 20 mA Current Loop
Aux port (fieldbus and Ethernet connection)	Yes, with optional modules
Serial programming speed	9600... 38400 bps

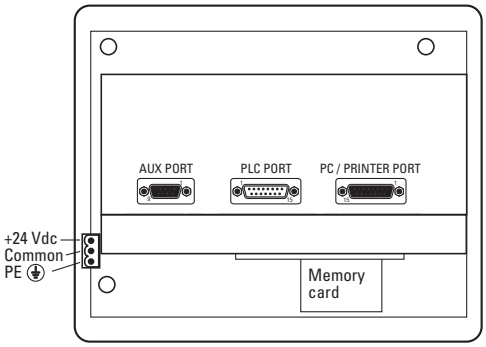
Functionality	
Dual driver capability	Standard
Data acquisition and trends	Standard
Recipe memory	32 kB
Alarms	1024
Event list	1024
Password	Standard
Hardware RTC	Standard, battery backed-up
Screen saver	Standard
Buzzer	Standard (audible feedback for touch screen)
Replaceable battery	CR2430 (3V 270mA Lithium)
Power supply voltage	18...30 Vdc (polarity sensitive)
Max. power consumption	~ 600 mA at 24 Vdc
Fuse	Automatic
Weight	~ 1.4 kg
Operating temperature	0...50 °C
Storage temperature	-20...+70 °C
Operating and storage humidity	5...85 % RH non-condensing
Protection class	IP65 (front panel)

Product designed for installation in an industrial environment in compliance with the following regulations:

Emitted interference	EN 61000-6-4, 2001
Noise immunity	EN 61000-6-2, 2001

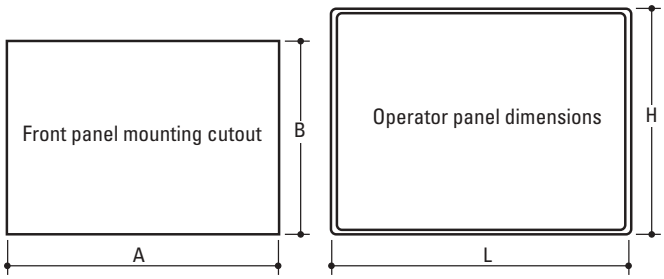
Connections/Dimensions

Connections



Cutout and front view

Panel dimensions L x H	187 x 147 mm	7.36 x 5.79"
Cutout A x B	176 x 136 mm	6.93 x 5.35"
Mounting depth (type - 0045)	79 mm	3.12"
Max. panel thickness	5 mm	0.2"



Ordering code

Model: **OP** **3** **5** - **0** **0** **0** - **H** **I** - **L** **M**

- **OP** **3** **5**: Series / Line
- **H** **I**: Auxiliary bus
- **L** **M**: deltadue® Auto configuration

Auxiliary bus	H	I
None	0	0
CANbus	C	B

deltadue® Auto configuration	L	M
No	0	0
Yes	A	C

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