AVAT Panel PC / Touch with E²VIEW user software

AVAT PANEL PC / Touch

The AVAT Panel PC for the operation and visualisation of engine control systems is equipped with a 15" touch display. It is fully compatible with TEM-Evo systems. The corresponding software offers new remote maintenance features and the user-friendly E²VIEW Cockpit.

In addition to proven functions such as history and operation log, the TEM-Evo compatible Panel PC with new E²VIEW software also includes a new highlight: The E²VIEW Cockpit provides all key engine information and functions at a glance. Power, speed, pressures and temperatures are displayed using a clearly arranged tacho-meter layout. At the press of a button, users can switch from automatic to manual mode and control the engine manually. To gua-rantee comprehensive service and swift intervention in case of malfunctions, a permanent connection to the service centre is required.

For that purpose the E²VIEW software includes an integrated remote information module. Combined with the VSC remote maintenance portal, alarm and status messages and service reminders are sent via e-mail to the service technician on duty.

All notifications are configured in the portal which, at the same time, provides an over-view of all relevant status information about connected engines. Access rights can easily be assigned to service personnel by means of a dongle. AVAT Panel PCs are optimized for use with TEM-Evo engine control systems.

The supplied installation material and the pre-packaged cable connectors simplify the process of replacing existing operating terminals.
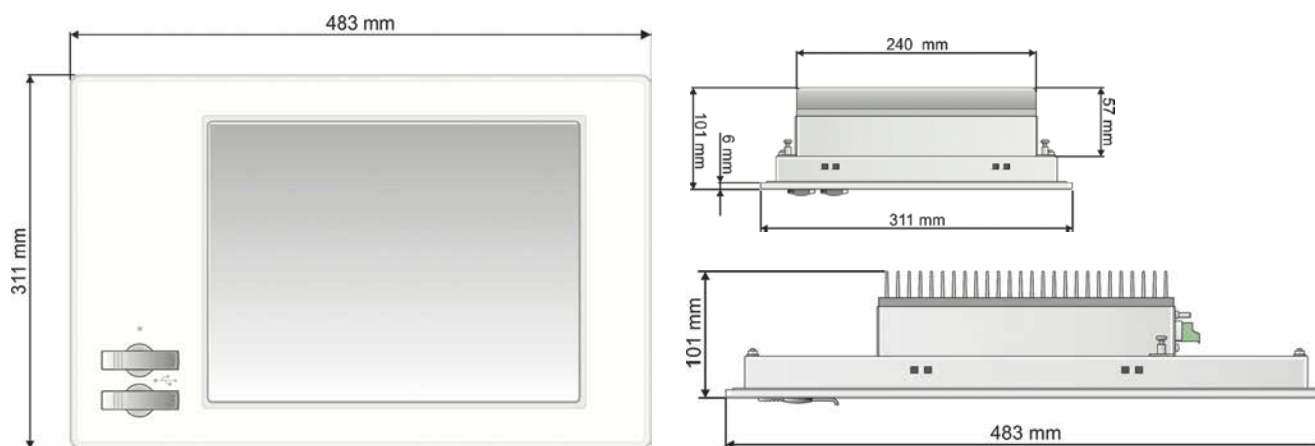
HIGHLIGHTS

- User-friendly E²VIEW Cockpit
- Alarm and service notifications via e-mail
- Engine overview and administration in the VSC remote maintenance portal
- Access rights via dongle
- Installation / wiring set included

Alarminformation via e-mail

APPLICATION AREA

DESIGNATION	AVAT PANEL PC / Touch
Part number	3 000 009
SCOPE OF DELIVERY	
Set	• Operating terminal with touch monitor • Attachment clamps • Connection cable to TEM-Evo engine control • Cable connectors for supply voltage • VSC Agent[a] remote information module
BASIC INFORMATION	
Validity authorisation dongle	PLC version up to 2.30.99
Screen diagonals	15" TFT (38.1 cm)
Supply voltage	24 V ±15 % (20.4 ... 27.6 V), ripple 1.5 V_{SS}
Fuse	Circuit breaker 6 A type B
Current consumption	Inrush current I_{max} 5 A; Typical: 1.9 A at DC 24 V
Battery	CR 1620; 3 V
Interfaces	• 2 × USB terminal side • 2 × USB front side • Ethernet • Keypad • Serial (TTY, compatible with TEM-Evo)
Display	LED status power supply and communication TTY (Rx, Tx)
Protection class	• IP65 front (EN 60529) • IP20 rear (EN 60529)
Ambient conditions	• Operation temperature: +5 ... +50 °C • Storage temperature: -10 ... +60 °C • Humidity: 20 ... 80 %, non-condensing

a) After the Panel PC is installed and connected to the Internet, the VSC Agent automatically contacts the VSC portal and can be registered.

Installation cut-out for panel PCs on the panel door: 454 × 282 mm