

AVAT Panel PC/Touch

TEM-Evo compatible



The new AVAT Panel PC for the operation and visualisation of engine control systems is equipped with a 15-inch touch display.

The associated updated E²VIEW-TE software offers new remote maintenance functions such as e-mail notifications of status, service appointments and failures as well as a user-friendly overview courtesy of the E²VIEW Cockpit.



AVAT Panel PC/Touch with E²VIEW-TE user software

In addition to proven functions such as history and operation log, the TEM-Evo compatible Panel PC with updated E²VIEW-TE software also includes a new highlight: The E²VIEW Cockpit provides all key engine information and functions at a glance. Power, speed, oil pressure, and oil, coolant and mixture cooler temperatures are displayed using a clearly arranged tachometer layout. At the press of a button, users can switch from automatic to manual mode



Alarm & service information via e-mail

as well as start, synchronise, shut down, stop the engine or alter the target output.

To guarantee comprehensive service and swift intervention in case of malfunctions, a permanent connection to the service centre is required. The new AVAT Panel PC therefore includes an integrated remote information module.

The new functions of the E²VIEW-TE software also include automated issuing of service appointments as well as alarm and status messages via e-mail.

The VSC remote maintenance portal allows users to define recipient data and sending times. At the same time, the portal provides an overview of all relevant status information about the engines.

Access rights can easily be assigned to service personnel by means of a dongle.



VSC Alarm engine overview



E²VIEW Cockpit

AVAT Panel PCs are optimised 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 view in the E²VIEW Cockpit
- Automated alarm and service messages via e-mail
- Engine overview and administration in the VSC remote maintenance portal
- Access rights by means of dongle
- Installation/wiring set included

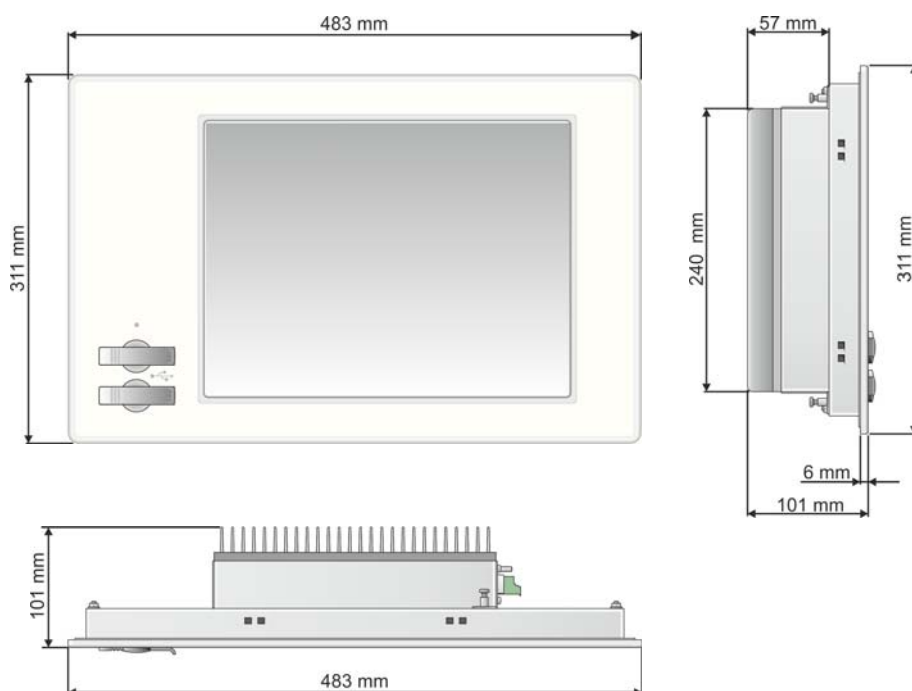
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Technical data

Designation	AVAT Panel PC/Touch
Part number	3 000 009
Scope of delivery	
Set	<ul style="list-style-type: none"> • Operating terminal with touch monitor • Attachment clamps • Connection cable to TEM-Evo engine control • Cable connectors for supply voltage • VSC Agent* remote information module
Basic information	
Validity authorisation dongle	PLC version up to 2.30.99
Screen diagonals	15" TFT (38.1 cm)
Supply connection	Clamps 1, 2 (-XS1)
Supply voltage	24 V \pm 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	<ul style="list-style-type: none"> • 2 x USB terminal side • 2 x USB front side • Ethernet • Keypad • Serial (COM1)
Display	LED status power supply and communication TTY (Rx, Tx)
Protection class	<ul style="list-style-type: none"> • IP65 front (EN 60529) • IP20 rear (EN 60529)
Ambient conditions	<ul style="list-style-type: none"> • Service temperature: +5 ...+50 °C • Storage temperature: -10 ... +60 °C • Atmospheric humidity: 20 ...80 % non-condensing



Additional technology modules by AVAT:

VSC CONNECT

Central web portal for remote maintenance of systems via the Internet

VPN Routers

These enable web-based remote maintenance access via a secure VPN connection between the systems and the VSC CONNECT portal

VSC Alarm

Additional software* for the operating terminal: Alarm, service and status messages via Internet and e-mail

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