

# HYDROVAR<sup>®</sup> Smart



ITT Industries  
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# HYDROVAR<sup>®</sup>

## Smart

The intelligent and user friendly control logic, suitable for all standard frequency converters

# HYDROVAR<sup>®</sup> *Smart*

Includes all control functions of a HYDROVAR and can be combined with all standard frequency converters, regardless of the power range and the available supply voltage range.

In the HYDROVAR *Smart*, the in-built micro processor manages all pump specific control requirements and also the sequencing of up to 4 drives in a multi-pump system.

The patented HYDROVAR control system ensures an immediate stop of the pump at zero demand.

The control electronic together with it's power supply module is mounted inside a flat stainless steel case for wall mounting (enclosure IP55) or can also be used for mounting on a panel (enclosure IP00).



# Advantages



- Patented Control System
  - Enclosure IP55 for wall mounting version
  - Suitable for combination with all standard frequency converters
  - No limitation of the power range
- 
- Hydrovar controlled variable speed drive for any supply voltage range possible
  - Integrated multi pump controller
  - No external power supply required (24VAC/DC output of the VFD can be used)
  - RS485 interface input included as standard





# Applications

- Hydrovar controllers for higher power ranges and/or special power supply ranges!



Water supply



Drainage pump system



Water fountains



Irrigation systems



Water supply



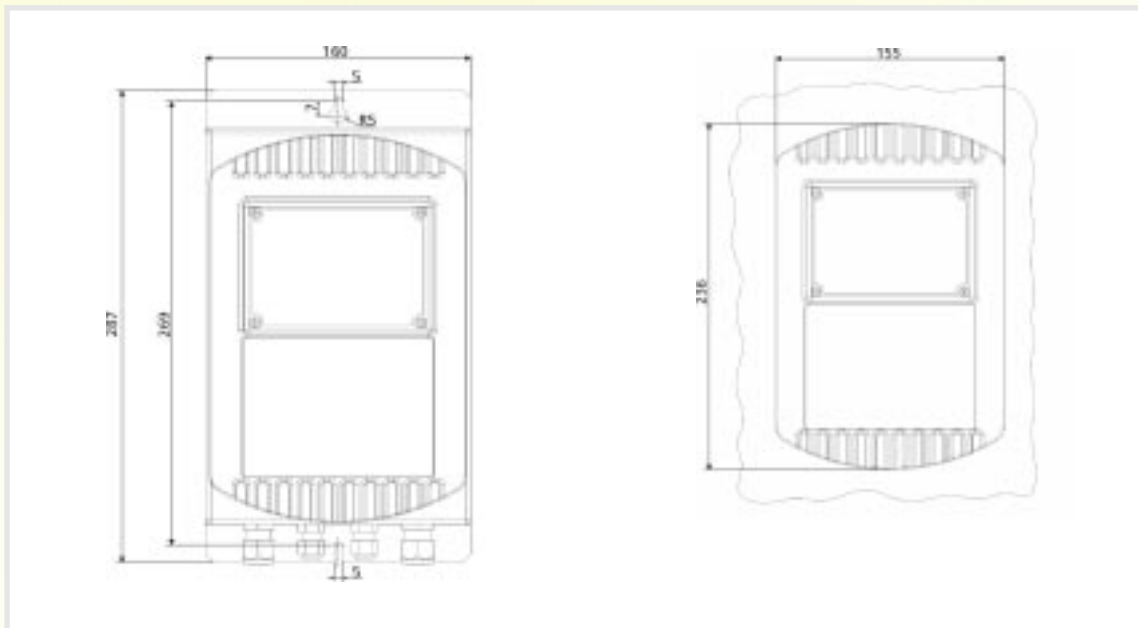
# Technical Data

## Available kits:

Wall mounting version (IP55)



Panel mounting version



HYDROVAR Smart	Power supply		Output-Voltage	Weight [kg]
	Type	Voltage		
Wall mounting	24 VAC/DC	130 mA	0-10 VDC	1,70
Panel mounting	24 VAC/DC	130 mA	0-10 VDC	0,5

Liste 5823-1 e

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