



The INGESYS™ IC3 controller can be supplied from AC or DC power sources and different voltage levels.

The power supply modules enable redundant operation. Two power supplies can be connected in parallel. In case of one's failure, the second one immediately takes control without any voltage drop. The LEDs of the malfunctioning power supply module will switch off, so that the user can identify and replace it. Redundancy operation is the well-known N+1 mode. When two power supply modules are connected in parallel the maximum output current is still 5A per output.

The power supply modules power the whole system via the backplane. Different input voltages are available.

The power supply modules are designed for hot swap for increasing application availability.

The Power Supply Module is available in the following variants:

Reference	Description
IC3602	24Vdc input power supply
IC3603	88-300Vdc / 85-250Vac input power supply

Technical Features	IC3602	IC3603
Electrical		
Input Voltage	14,4Vdc to 31,2Vdc	88Vdc to 300Vdc 85Vac to 285Vac
Max. Input Current	3,2Adc	0,75Adc 0,70Aac
Output Voltage	3,3V / 5,0V	
Max. Output Current		
3,3V	5A	
5,0V	5A	
Max. Dissipated Power	12W	10W
Isolation		
Input-Output	2000Vac @ 60s	
Input-Earth	2000Vdc @ 60s	
Additional Features		
Reverse input voltage protection		
Input, 5,0V and 3,3V status indication LEDs		
Input and output voltage supervision		
Power fail indication to processor module		
N + 1 redundancy support		
Hot swap		
Mechanical		
Dimensions (WxHxD)	52,25mm x 175mm x 150,5mm	
Weight	540g	
Climatic		
Operating Temperature	Class TX:-40°C to + 70°C	
Storage Temperature	-40°C to + 85°C	
Relative Humidity	5% to 95% w/o condensing	