



POWER SUPPLY MODULES

OMC 8100 - PS is a module used for auxiliary power supply Buses. Its use is necessary each time when the total power draw of expansion modules powered by the Bus exceeds the capacity of the main OMC 8000 module. The power required by the expansion modules and the possible need to use the Power supply is evaluated when designing the PLC system in v MULTIPROGU and also in real life the main unit continually monitors the power being delivered and it informs the user accordingly.

OMC 8000 - PS30 is designed for Power supply Buses just like the OMC 8100 - PS, but in addition it has an output for Power supply external peripherals. The module has a 24 V output with the total current of 1 A connected to 6 pairs of terminals.

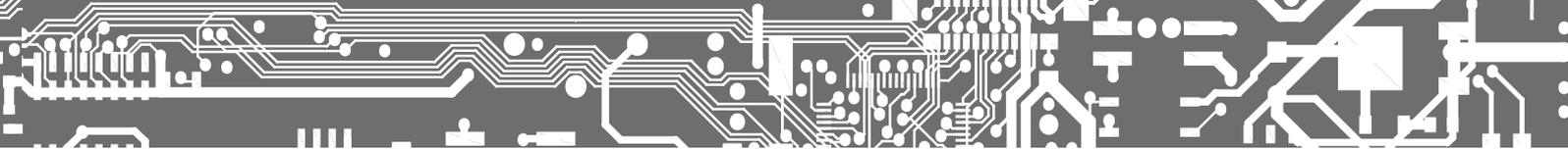


- ADDITIONAL POWER SUPPLY FOR MODULES ON THE BUS
- POWER SUPPLY FOR SENSORS

EXPANSION MODULES

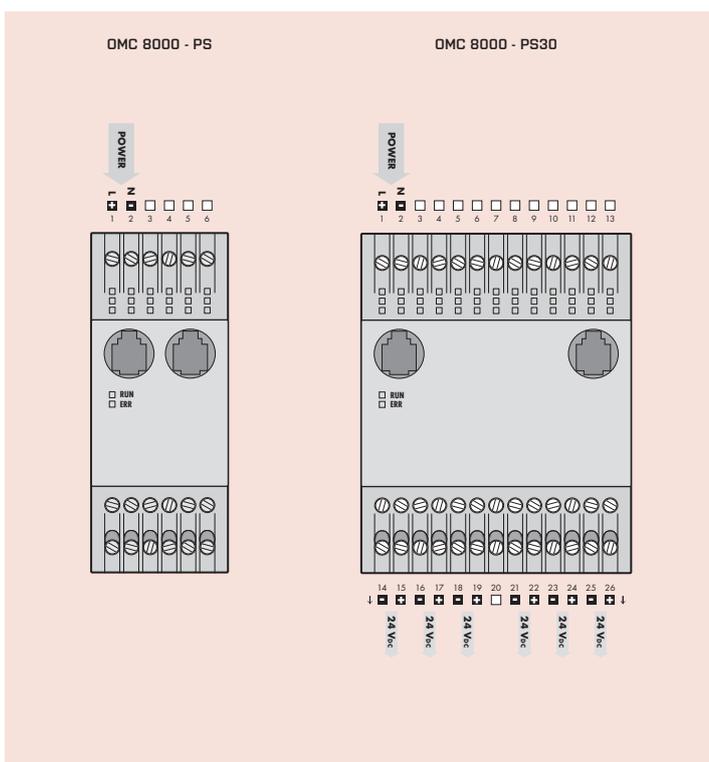
OMC 8100 - PS

OMC 8000 - PS30



	OMC 8100 - PS	OMC 8000 - PS30
OUTPUTS		
Number	1	2
Type	Power Bus	Power Bus and sensors
Output	5 V/1 A - Bus	5 V/1 A - Bus, isolated 24 V/1 A
Efficiency	min. 78 %	min. 78 %
Tolerance	±0,25 V	±0,25 V
Ripple	< 50 mV _{ss}	< 50 mV _{ss}
Outage span	> 200 ms	> 200 ms
LED signalisation of output state/current restriction	yes	yes
SPECIFICATIONS		
Module width	36 mm	72 mm
Maximum power consumption	5 VA	35 VA
Power supply	24 V AC/DC 80...250 V AC/DC	80...250 V AC/DC
Working temperature	-20°...60°C	
Cover	IP 40	
Dielectric strength	4 kVAC for the duration of 1 minute between between supply and output	
Insulation resistance	for pollution degree II, measuring cat. III., 300 V [Z], 150 [D]	
Electric safety	EN 61010-1, A2	
EMC	EN 61326-1	

CONNECTION



ORDER CODE

OMC 8100 - PS	-	<input type="checkbox"/>
Power supply	24 V AC/DC, isolated	0
	80...250 V AC/DC, isolated	1

OMC 8000 - PS30