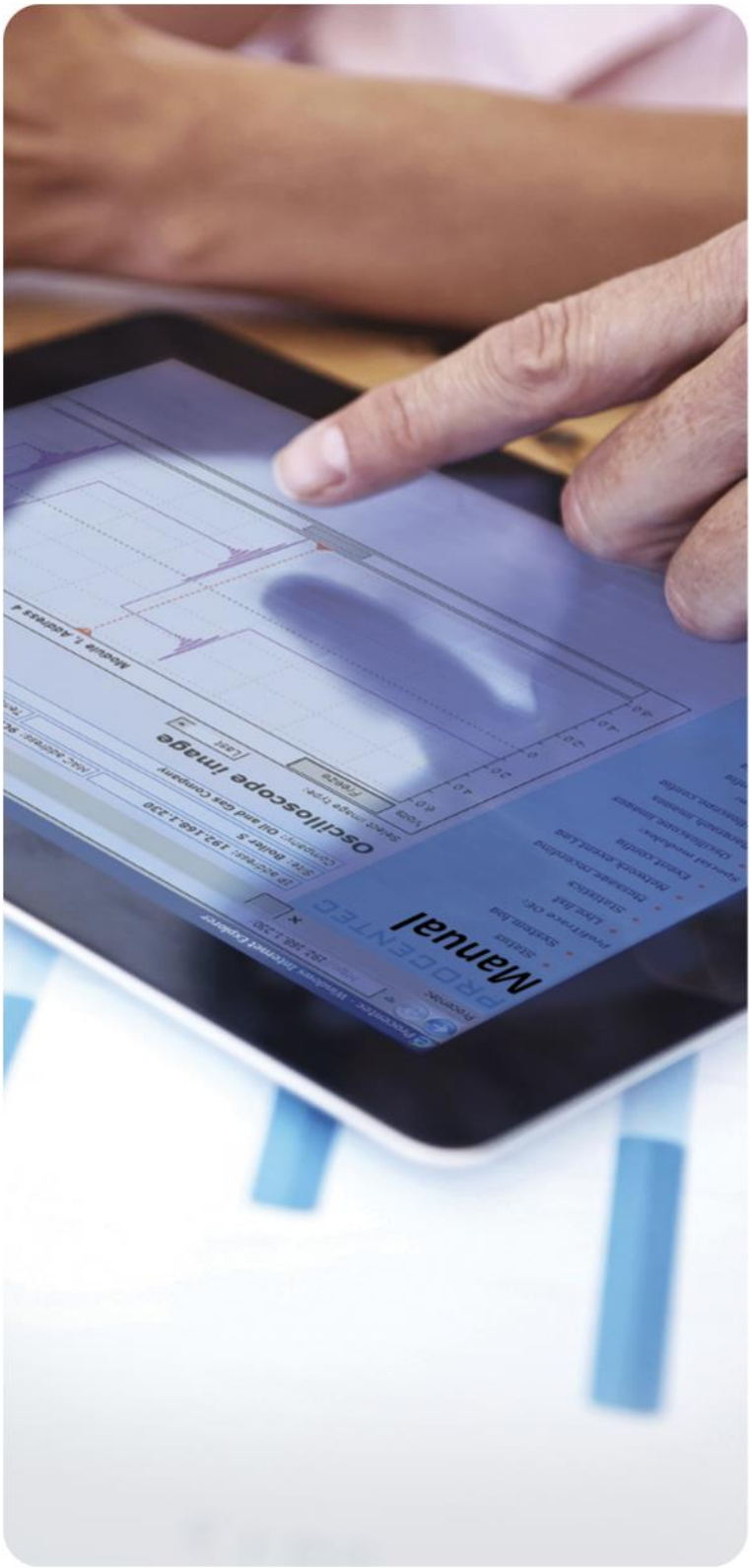
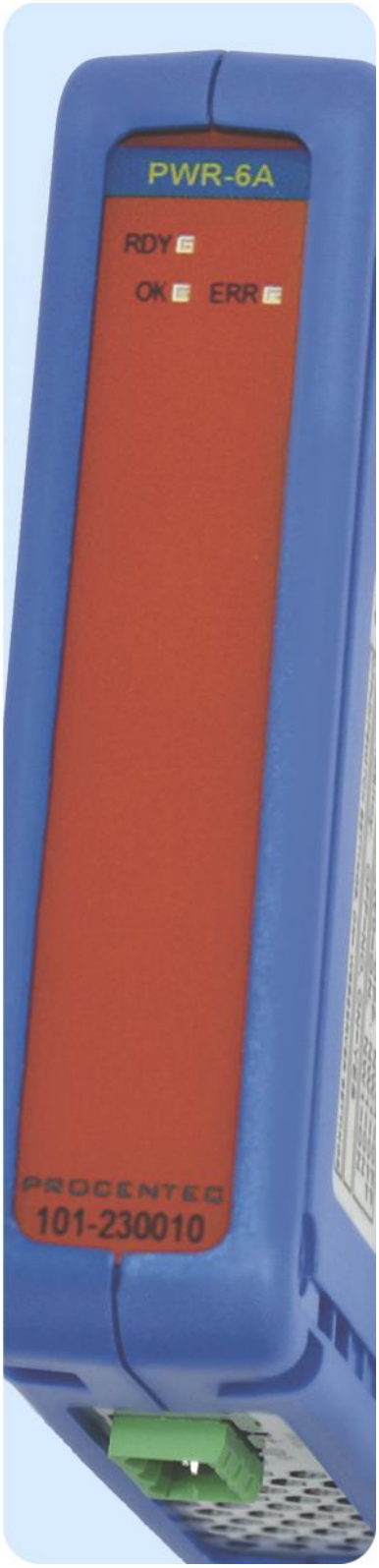
PROCENTEC





ComBricks 6A Power Module

Technical Data

Technical Data - 6A Power Module Type 1 (101-230010)	
Dimensions and weight	
Dimensions L x W x H	133 x 25 x 103 mm (including backplane per module, excluding plug-able connectors)
Weight	120 g (excluding plug-able connectors, backplane and packing material)
Mounting DIN-rail type	35mm × 7,5mm (EN 50022, BS 5584, DIN 46277-3)
Ambient conditions	
Ambient operating temperature range	-20° … +60° Celsius (for mounting position see manual) -4° … 158° Fahrenheit
Isolating class	IP 20 (IEC/EN 60529, DIN 40050)
Power supply	
Power supply operating voltage range	12 to 24 VDC (tolerance range 6 to 32 VDC)
Typical Current consumption	60 mA at 5.72 VDC (backplane powered)
Power dissipation	Max. 0.34 W at 5.72 (backplane powered)
Reverse polarity protection Redundant power supply	Yes Yes (with second PWR-6A module)
Wire diameter	< 2.5 mm^2 <u>Installation notes:</u> The device shall be supplied from an isolating transformer having a secondary Listed fuse rated either: • Maximum 5 amps for voltages 12 to 20 V, or • Maximum 4 amps for voltages 21 to 24 V, or is supplied by a Class 2 power supply, or equivalent.
Backplane	
Module position	32 (all slots)
Current available on backplane	6A (including own current consumption typically 130 mA)
Compatible backplane units	101-200011, 101-200022, 101-200023, 101-200024, 101-200027

Installation notes
When using the Power Module, remove power from the Head Station.
If power redundancy is required, use two Power Modules.
When moving the Power Module to a different slot: remove power before taking out the module.

Technical Data - 6A Power Module Type 1 (101-230010)	
Connector Lay-out	
Power supply	Plug-able screw connector, pitch 5,08 mm Pin 1: - (0 V) Pin 2: + (24 VDC) Pin 3: SH (Shield) SH connected internally to DIN-rail with spring-loaded contact.
LEDs	
ERR ON ERR + RUN OFF	Input voltage too low, or maximum current No power supply connected
Standard and approvals	
CE FCC UL	EMC Directive 2014/30/EU, class A Digital Device RoHs Directive 2011/65/EU 47 CFR 15, Unintentional Radiator, class A Digital Device. Report reference: E468970 Standards for safety: UL 508 - Industrial Control Equipment CSA C22.2 No. 142-M1987 - Industrial Control Equipment
Others	
Head Station firmware MTBF	V1.265 and later 3082529 hours, at 30° Celsius, IEC TR 62380