

- >> BACnet/IP Controller B-BC Profile
- >> 40 integrated I/O-points
- >> Modular Expandable I/O
(BACnet MS/TP or Modbus-RTU)
- >> TCP/IP through ethernet (RJ45)
for remote control
- >> Windows CE Professional
- >> Integrated HTTP & FTP-server
- >> Optional GSM or 3G modem
- >> In Built RTC



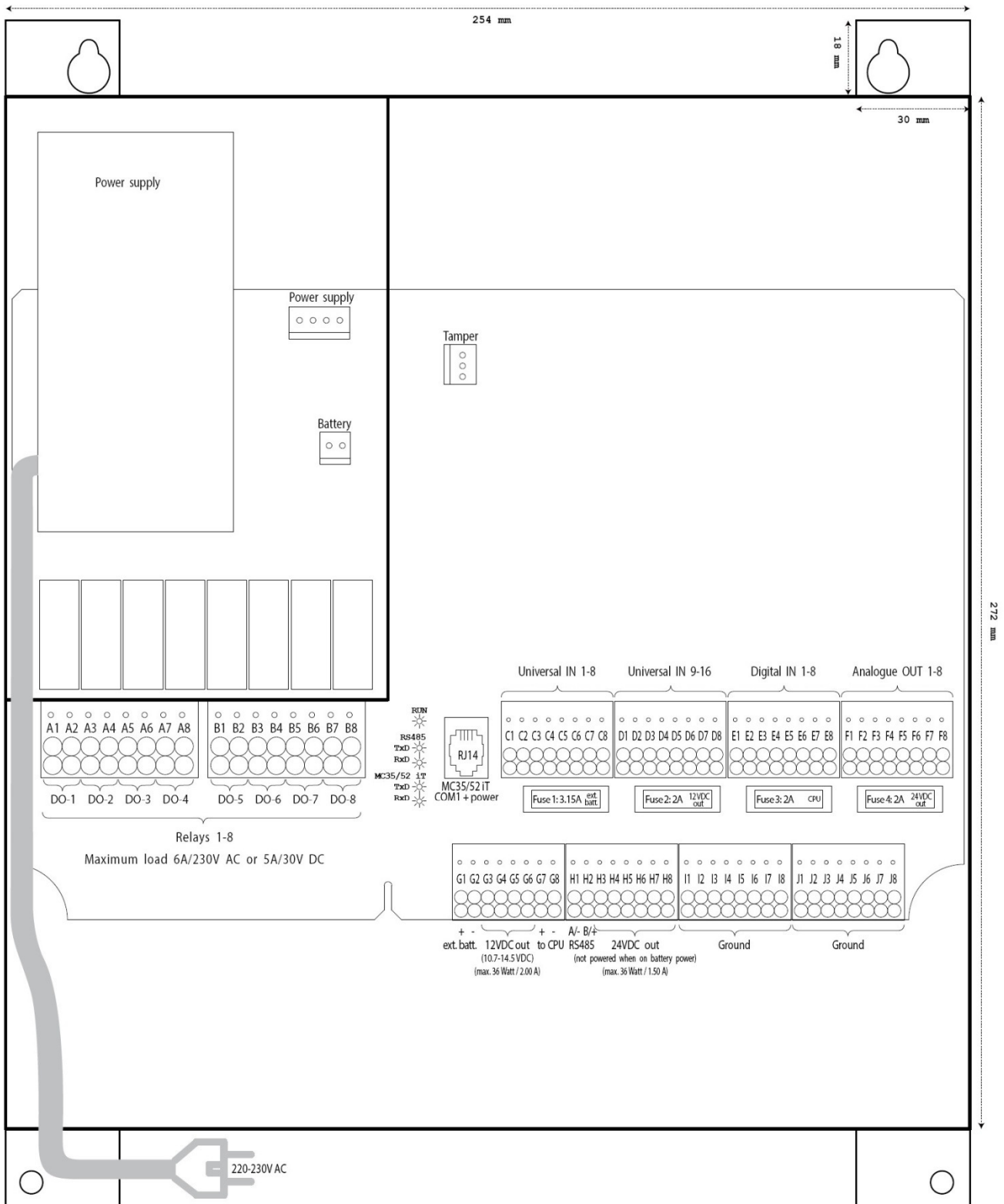
Fast, intelligent, clear and easy-to-use local control

The FX-SPIDER-40-BASIC a freely programmable native BACnet™ controller for building automation and security applications is a special version of it's big brother, the FX-2030A-BASIC. Dedicated for small processes, narrow spaces and all-in-one solutions, it features a powerful processor to run PLC-code, and 40 built-in I/O-points, thus being everything you need to get your project up and running. Controller uses the IEC-61131-3 standards for PLC programming.

Connect the standard power plug to a normal 220/230V socket and get going in no time to discover the true meaning of plug and play!

Technical features

BACnet Device Profile:	BACnet Building Controller (B-BC)
BACnet data point objects:	2000 per controller (Physical & Hardware)
CPU:	NVIDIA Tegra 2 dual-core Cortex-A9 (32 Bit) MPcore
Memory:	512MB DDR2
Operating system:	Windows CE Professional
Operating temperature:	0 to +40°C
Operating Voltage:	100-230 VAC
Maximum Load:	6A @ 230 VAC or 5A @ 30 VDC
Communication Ports:	1 x 10/100 Ethernet port, 1(expandable to 2) x RS-485 Ports, 1 x modem port, 1 x USB, 1 x DVI Port
Dimensions(with casing):	254x272mm (x94mm depth)
Historical trends :	20,000 changed values per point
I/O ports :	8 DO, 16 UI, 8 DI, 8 AO
Maximum fieldbus connection :	1 built-in serial port and 5 IP ports



Important notices:

- Connect 0.2-2.5 mm² cables to connectors A and B, and 0.2-1.5 mm² cables to connectors C-J.
- All relays are of the Normal Open type. Please leave one relay empty between the relays to which you connect 230 V and the ones to which low voltage is connected.
- Universal Measurement points (C1-D8) are measured with approximately 3 second intervals.
- Analogue Outputs (F1-F8) send out 0-10V with an impedance of 1kΩ, at maximum 10 mA.