

Power supply with two level outputs

Type	Input voltage	Output voltage	Output current		
PS2-60/27	230 V AC	27.2 V DC 12 V DC	2.3 A 0.3 A		

Basic features

- PS2-60/27 module is switching power supply with 2 levels of fixed output voltage 27.2 V DC and 12 V DC.
- It is designed for supplying control system Fox trot with backup accumulators.
- The design of output circuits enables to connect the pair of backup accumulators which are charged directly from the power supply.
- The other level 12 V DC is for supplying security sensors.
- The high efficiency eliminates the need of active cooling.

Connection

- Compact form-factor for DIN rail mounting (6 modules width) for standard circuit breaker cabinets.
- All circuits are connected by screw terminals.

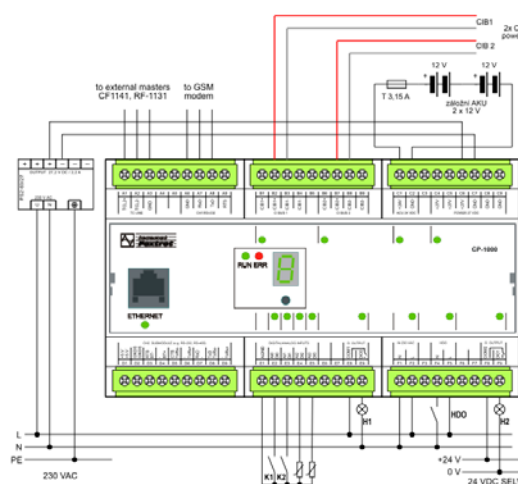
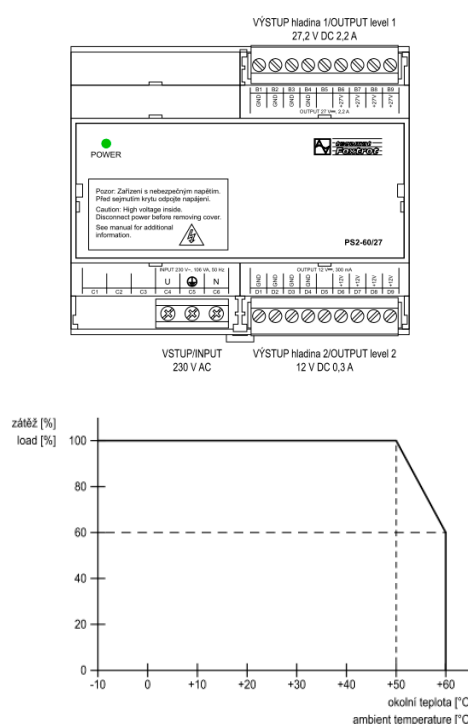
Use

- Power supply for basic and expansion modules of Fox trot system.
- Together with modules C-B5-0001M and pair of backup accumulators can supply all CIB based installations.



PS2-60/27

Connection example



Operating conditions

Operating temperature	-10 .. +60 °C
Storage temperature	-40 .. +85 °C
Electric strength	according EN 60950
Class of electrical device protection	I according IEC EN 61140
IP Degree of protection(IEC 529)	IP 20, IP40 covered in switchboard
Overvoltage category IEC EN 60664-1	II
Degree of pollution IEC EN60664-1:2008	2
Working position	vertical
Installation	on DIN rail
Connection	screw terminals
Conductors cross-section	Max. 2m,5 mm ²

Dimensions and weight

Dimensions	90×105×65 mm (6M)
Weight	340 g

Power supply

Input voltage	230 V AC, -15 up to 25%
Min. input voltage	110 V AC/output voltage less 45 W
Input voltage frequency	47 – 63Hz
Max. input power	106 VA
Input fuse	T2.5/250 V
Output	
Current output – range	0.48 A/230 VAC
Level 1; Output voltage/current	27.2 V DC/0 – 2.2 A
Level 2; Output voltage/current	12 V DC/0 – 0.3 A
Max.total output power	60 W
Efficiency	87 %
Short-circuit protection	Electronic
Electrical resistance of isolation	3000 V AC
Galvanic isolation input/output	Yes

Order number

TXN 070 40	PS2-60/27 power supply 230 VAC/27.2 V DC, 2.2 A; 12 V DC, 0.3 A
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