

- ▲ Diagnosis system for fault detection in electrical facilities
- ▲ ...recording events, measuring frequencies, counting, saving, printing and communicating with the PC

PROFEA-II (Protocolling system for electrical facilities) registers, records and provides details on who or what has switched at what time. The unit is designed in paperback-format, the ideal tool for service tasks. An operation, clearly structured via 2 keys, lets you get started without delay.

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Take advantage of this practical concept which has proven its versatility and total reliability for more than a thousand times for service technicians all over Europe.



## Details

- ▲ 8 two-pole potential-free inputs, isolation voltage 2.5 KV, input voltage 5 V thru 230 V DC/AC
- ▲ Functions: Event recording; counting of events at a counting range of - 999,999,999 thru + 999,999,999; settable to: simple impulse counter, Forward-/reverse counter with direction input, Fo/Re for 90-degrees-impulses, frequency measuring: 0.00 Hz thru 500.00 Hz
- ▲ Resolution: minimum 1 ms, digital input filter settable in the range from 1 ms thru 250 ms
- ▲ Triggering, for the function event recording, settable to:
  - free (recording any change of input signal)
  - controlled (printout only with active input no. 1)
  - triggered (printout after flank at input no. 1)
  - pre-trigger (printout of the last 16 thru 112 events before a flank at input no. 1)



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Component,	Value, Description
Printout of counting- and frequency-values:	settable to: - automatic every 1 thru 60 min. - after flank at input no. 8 - after key activation
Gate time:	for the function frequency measuring: - key activation - signal at input no. 7 - time between 2 printouts
Realtime clock:	battery-buffered (internal clock keeps working even after switching the unit off) capacity: minimum 5 years (automatic date correction in leap-years) Precision: +/- 35 ppm at 25° Centigrade
Battery operation:	Via optionally available power-set (Order ID: PROAKK), comprising: 2 battery packs and 1 charging unit Operation time with 1 battery: approx. 12 hrs.
PC-Interface:	- level internally settable to: RS232C / RS485 - serial asynchronous data transfer - speed: 110 thru 9,600 Bit/s - character format: 8 informationbit, 1 parity bit - bit-by-bit data transfer with software-handshake - software available for several computer systems
Languages:	settable to: English, Francais, Italiano, Espanol, Deutsch.
Head of printout:	We can program the printout's head as per your request.
Buffer memory:	- for the function " Event Recording" : storage up to 128 events while printing out - for the function " Counting Events" : storage of count events over the time of a power outing - all functions (function, operating mode, printing format) remain OK after power outing
Display:	settable printing formats: - numerical or graphical for the function " Event Recording" - list mode: after tearing off the protocol, the printout is readable from the top to the bottom - data mode: the protocol is readable directly while printing out
Items delivered as standard:	1 Event Recorder PROFEA-II, 3 paper rolls, 2 ribbon cartridges, 1 power supply (230 VAC), 1 service bag, 1 operating manual (select German or English)
Optional items against extra charge:	- power supply for 110 VAC (Order ID.: NT110) - software and data line (Order ID: PROSWM)
Spares:	- paper roll (Order ID: PROPA1) - ribbon cartridge (Order ID: PROFAB)

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