

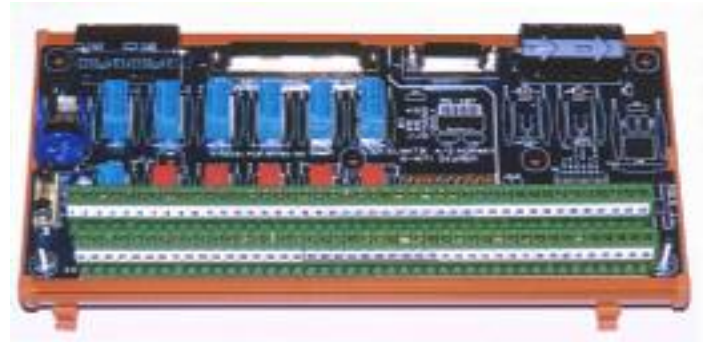
Elmatik AS

Diesel automatic type DCA-805

DCA-805 is a 2nd. generation diesel start system from ELMATIK. It's designed for start/stop and surveillance of different types of diesel engines. The system is based on a modern microcontroller to achieve a large flexibility and to be user friendly. With ease the DCA-805 can be controlled by an external main or supervising system. The front panel has separate indications for auto stop, alarms and motor status, in addition to a LCD to display functions and the engine RPM. When the engine has stopped, the LCD will be able to display the engine parameter with explaining text in English and the programmed values. Programmed values can easily be reprogrammed and will automatically be stored. All inputs are separated with photo couplers and are shielded with EMI filters. Relays for the outputs are mounted on the terminal board, which is a separate unit and can be loaded with max. 2 Amp. 24VDC.



DCA - 805 panel (embedded)



Terminal board

12 relays with potential free outputs.

- Start
- Stop
- Start/stop
- Run delay
- Auto stop
- Power fail
- Start fail
- Alarm block
- Auto (Standby) mode
- Running 2x
- Pickup fail
- Overspeed

Displayed settings

- Hour counter
- Alarms
- Started RPM
- Running RPM
- Overspeed RPM
- Tacho pulse adj.
- Start attempt (1-6)
- Max start time
- Pause time
- Max stop time
- Blocking time (Lub. Oil)
- Delayed start (in auto/standby)
- Cool down (in auto/standby)
- Auto stop (4 choices)
- Auto-start: impulse signal / On, Off signal
- serial no.

Technical data:

Supply voltage	:	24VDC +/- 25%
Current consumption	:	300mA + 100mA for alarmenthet
Contact ratings	:	24 VDC 2A
Temperature range	:	0 - 70 °C
Perception Head	:	Inductive Pickup.
Ingress Protection	:	IP65

Mechanical

Housing	:	215x165x90 W, H, D (mm)
Cut out	:	194x142 L, W (mm)
Terminal Board	:	260x123 L, W (mm)
Cable length	:	1 m.
Weight	:	0,9 Kg

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