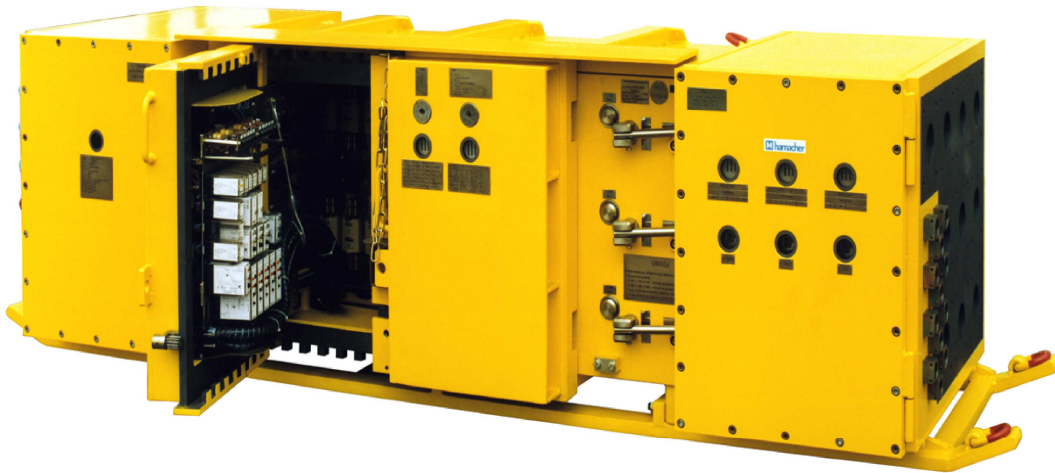


# EXPLOSION-PROOF CONTACTOR BOX TYPE HA-dk8



The contactor-box contains vacuum or air contactors as individual replaceable modules for each outlet. The box can be equipped with maximum four independent conductor bars supplied through reverse isolators of rated current 160..600A (on request the conductor bar can also be equipped with a switch of 1200A). The box can be according to the customer's requirement made in any configuration – independent outlets, reverse outlets, outlets for two-speed motors.

All outlets are equipped with semi-conductor over-current and short-circuit protection, monitoring also the loss of one phase. On the outlets there are furthermore safeguards monitoring the protection conductor integrity, evaluating of the thermistors in the motors and monitoring the network insulation status before start-up and during operation. The status of the device as well as the measured values are displayed on the multi-functionary display.

The correct function of the contactor box is controlled with a special alteration switch. It is performed in an intrinsic-safe version and the box run can be controlled with a microprocessor. On the customer's request it is possible to place in a box a transformer for lighting supply, namely with power up to 6,3 kVA.

For heavy start-up, especially for belt conveyors, the modules for "soft-start" are installed in the boxes.

## Technical Parameters:

Voltage rating	500/660/1000/1140V*
Total rated current of the box	≤ 1200 A
Number of conductor-bar routes	1-4
Maximum number of outlets	1-14
Rated current range of vacuum contactors	200...750 A
Short-circuit resistance	25 kA
Length	about 2300 mm
Height	about 940 mm
Depth	about 920 mm
Weight	about 1400 ÷ 1700 kg

\*) on request other voltage is also possible