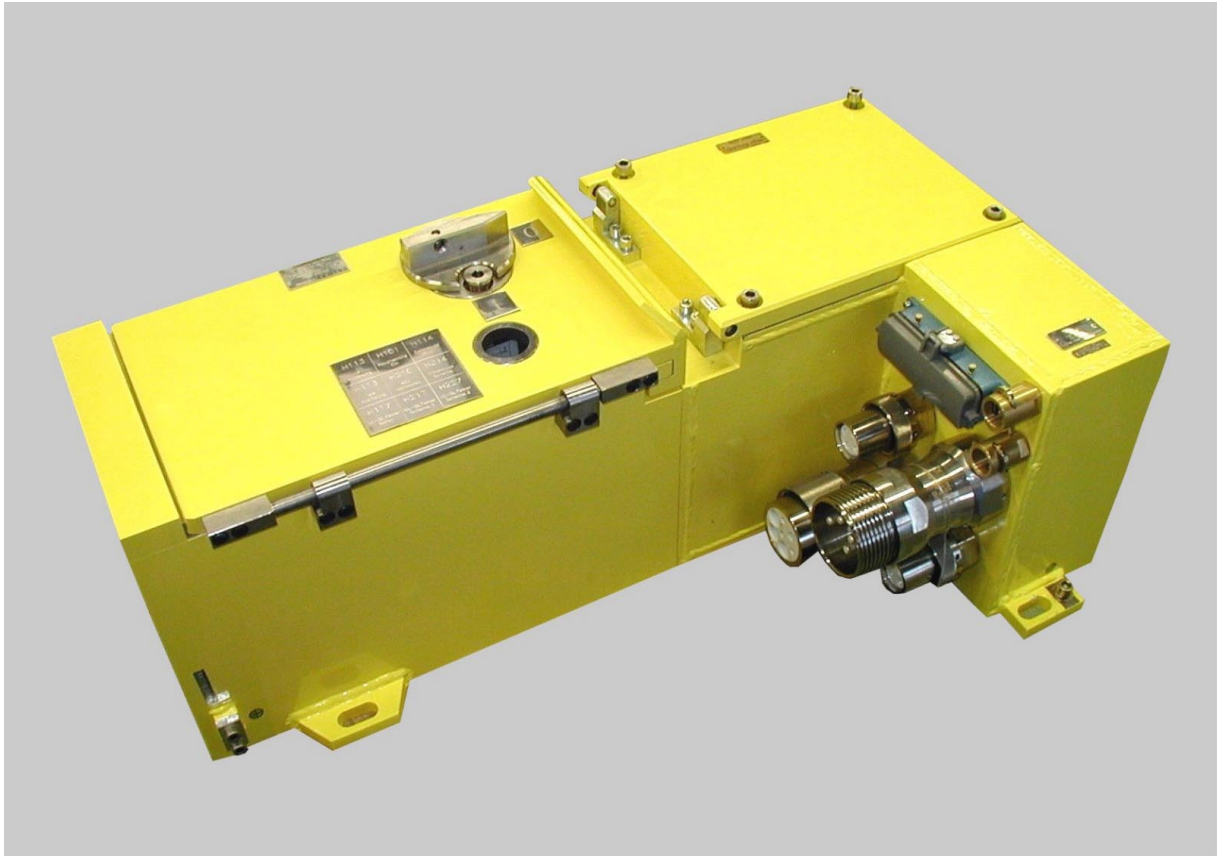


# SWITCHGEAR

## TYPE HA-dk 6 / VAC 100LW



### Features

- Switchgear for switching three-phase motors mounted in mobile mining underground machines
- Disconnecter - operates a line breaker
- Terminals for spot light reflectors type HA-SW 1, operating directly when supplied rated voltage is ON
- Rated voltage selection by means of a programmable plug
- Control and indication of important operating states by means of a control desk type HA-SS 1 5T 12M
- Control from an intrinsically-safe control unit HA-ST 2 equipped with separators for ON/OFF push-button and signals from hydraulic system (temperature, level)
- Emergency stop by means of a control unit HA-ST 3 equipped with a safety separator HA-KG4
- Flameproof main and feeder boxes
- All connections with plug-in connectors
- Flameproof surfaces, mechanical interlock and internal hinges made of stainless steel

### Type of protection

Flameproof: I M2 EEx d [ia] I  
 Ingress protection: IP 54

### Technical Data

- |                                    |                 |
|------------------------------------|-----------------|
| • Rated voltage                    | 500 / 1000 V    |
| • Rated max. current               | 130 A           |
| • Rated making capacity            | 1600 A          |
| • Rated breaking capacity          | 1600 A          |
| • Max. perm. short-circuit current | 25 kA           |
| • Control voltage HA-ST 2          | 10 V AC         |
| • Control voltage HA-ST 3          | 10 V DC         |
| • Ambient temperature              | -20 up to 40 °C |
| • Housing                          | HA-dk 6         |
| • Feeder box                       | HA-Vkd 4        |
| • Inlet for plug-in sockets 230 V  | M 40            |
| • Inlet for plug-in sockets 1000 V | M 50            |
| • Length approx.                   | 830 mm          |
| • Width approx.                    | 260 mm          |
| • Depth approx.                    | 320 mm          |
| • Weight approx.                   | 165 kg          |

### Approval

DMT 02 ATEX E 066  
 Approvals outside Germany