

FLAMEPROOF HIGH VOLTAGE GATE END BOX TYPE HA-dk 10A/4VAC/LS



Features

- four main contactors 400 A (vacuum or SF₆), isolator / earthing switch on each output
- power circuit breaker on input – insert/pull-out version; with built-in isolator with earthing switch
- checking of switch positions and isolating clearance through sight-glasses possible
- checking of outputs by means of:
 - digital overload and phase asymmetry protection
 - output insulation checking with rising voltage up to $1,1 \times U_n$; with interlock function
 - temperature protection (posistor - PTC) for supplied receivers
 - external conductor screen and ground continuity checking (for mobile machines)
- control/separating relays of intrinsically and no-intrinsically safe circuits
- indicators of all operating conditions and measuring values, data transmission to mining dispatch room, external control systems
- flameproof housing with stainless steel made flameproof surfaces; internal hinges with ball-slide bearings

Technical Data

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|--|--------------|
| • Rated voltage of insulation | 7,2 kV |
| • Rated voltage | 3,3 / 6 kV |
| • Rated auxiliary circuits voltage | 42/127/220 V |
| • Rated continuous current | 630 A |
| • Rated current / single output | 315 A |
| • Max. permissible short circuit current | 25 kA |
| • Frequency | 50 / 60 Hz |
| • Housing | HA-dk 10A |
| • Width approx. | 3170 mm |
| • Height approx. | 1150 mm |
| • Depth approx. | 1080 mm |
| • Weight approx. | 4400 kg |

Types of protection

Flameproof: Exdi_ac I
Ingress protection: IP 54

Certification

KDB № 01.291 W
(WUG) GX-137/01