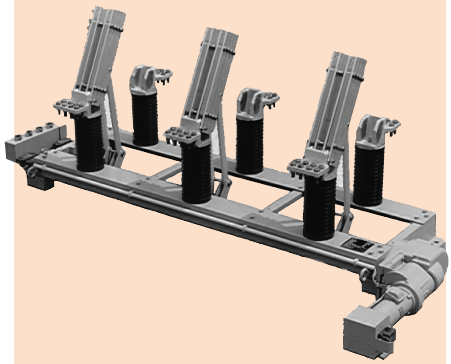
HAS Range 24kV MV Disconnect Switch

BERG 24 kV AC MV Disconnect Switch

This is a high quality, extremely robust AC disconnect switch. This safety device is simple, transparent to the network, and reliable over time in all environments. Our specially designed pressure systems require low to no maintenance. It is a safety device with a visible blade opening and is used for maintenance of major electrical installations. The electrical contact is made with silver contacts, which provide strong mechanical endurance up to 50,000-cycles.



Features/Benefits:

- Large air isolation and creepage distance
- Self-cleaning blade contacts
- Positive opening and visible break
- Rugged anti-torsion construction
- Large customization with: manual, motor & pneumatic drives; auxiliary switches; solenoid interlocks
- Adaptable mounting dimensions

Highlights:

- No-load operation
- Indoor type – vertical mounting only
- Mechanical endurance: ≤ 1kA = 25,000 cycles; >1kA = 50,000 cycles (open/close)
- 130° C maximum temperature without damage to the switch
- Electrical contact through silver plated electrolytic copper blades with pressed on hard silver contact rivets and silver plated copper alloy castings
- Supporting insulators made of cast epoxy resin (UL94-V1 flammability classification)

Applications:

- Generator isolation
- Transformer isolation
- Grounding switch
- Tie switch
- Medium Voltage drives
- Furnace applications

Rated power frequency withstand voltage, 1 min, 50 Hz	
Phase to earth and between poles (kV)	50
Across the isolating distance (kV)	60
Rated lightning impulse withstand voltage (BIL)	
Phase to earth and between poles (kV)	125
Across the isolating distance (kV)	145

Approvals:

- Designed according to IEC 62271

Electrical Characteristics:

Rated continuous current (A) - AC	400	630	1000	1600	2000	3150	4000	6300	8000	12000
Rated short-time withstand current (rms) 1 sec (kA)	26	26	30	37	58	64	64	77	100	110
Rated peak withstand current, 50 Hz (kA)	65	65	75	91	144	159	159	193	250	275