



U-Series Air Circuit Breakers

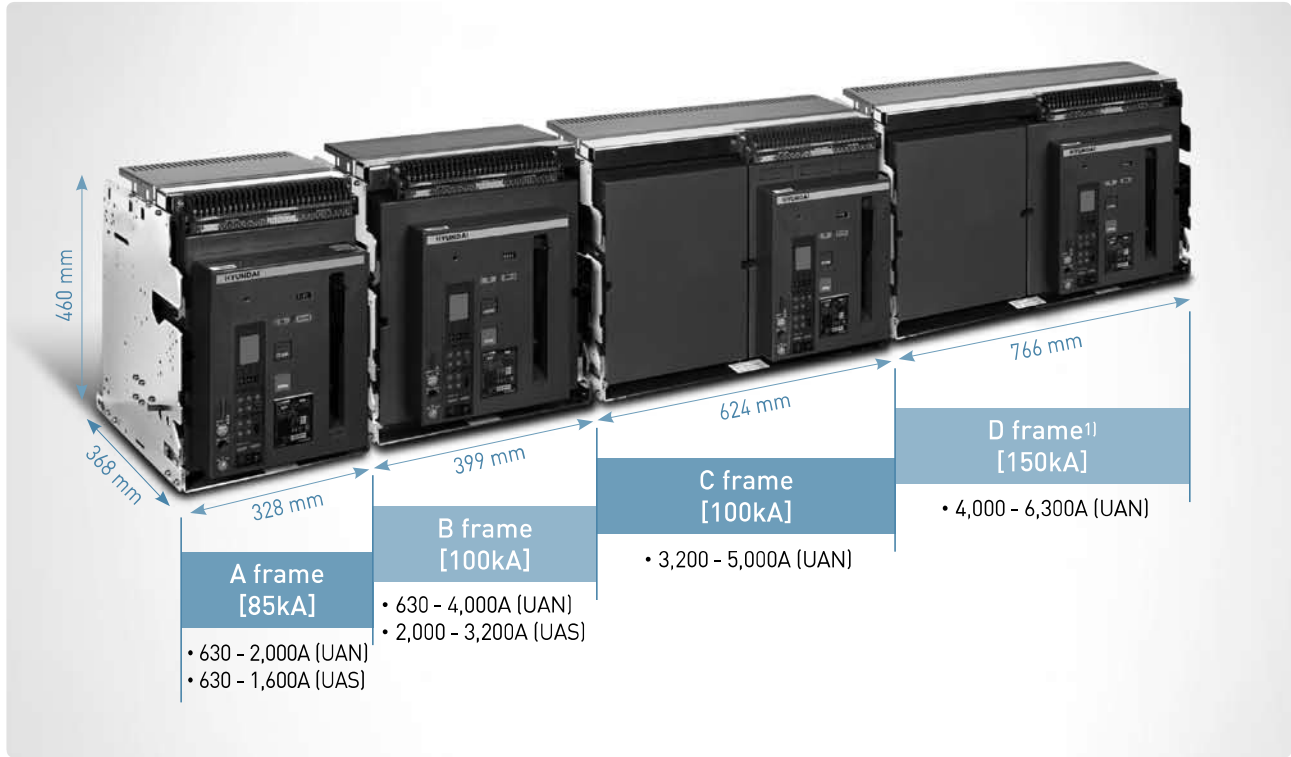
Hyundai Heavy Industries (HHI) ACB meets your demands for high breaking capacity, full line-up, and optimized panel size. Various accessories and connection methods realize user-friendly handling.



Features

| Full line-up |

- U-Series ACB maximize your choice and satisfaction with compact size and dual (UAN/UAS) model.



※ -Breaking capacity is at AC500V.
1) D frame will be available from 2015-1st half.

| Applications |

- U-Series ACB offering high breaking capacity and advanced protection trip relay is suitable to cover various applications including buildings, data centers, industrials and so on. U-Series ACB protects these facilities from harmonic frequency by 100 % capacity of N phase.

<p>Buildings</p> <ul style="list-style-type: none"> • Multipurpose buildings • Hospitals • Commercial buildings • Hotels 	<p>Data centers & Networks</p> <ul style="list-style-type: none"> • Broadcasting stations • IT/Telecommunications 	<p>Industrials</p> <ul style="list-style-type: none"> • Steel/Metal • Gas/Chemical • Pulp/Paper 	<p>Electric power facilities</p> <ul style="list-style-type: none"> • Electric power stations • Electric power substations • Dispersed power generators • Renewable energy facilities

| Compliance with standards |

■ Standard

- IEC 60947-1,2 International Electrotechnical Commission
- EN 60947-2 European Standard
- GB China National Standard (Guojia Biaozhun)
- GOST R 50030.2-99 9 Government Standard of Russia
- GOST R 50030.1-2000 Government Standard of Russia
- KS C 4620 Korean Standards Association

■ Approval

- ISO 18001, 14001, 9001
- KS/KOREA Korea Quality Certificate Standard Association
- CE Community European
- GOST-R/RUSSIA Government Standard of Russia
- CCC/CHINA China Compulsory Certification
- KR/KOREA Korean Register of Shipping
- GL/GERMANY Germanischer Lloyd
- LR/U.K Lloyd's Register of Shipping
- ABS/U.S.A American Bureau of Shipping
- BV/France Bureau Veritas
- NK/JAPAN Nippon Kaiji Kyokai
- DNV/NORWAY Det Norske Veritas
- RINA/ITALY Registro Italland Navale
- RS/RUSSIA Russian Maritime Register of Shipping

■ CB type test

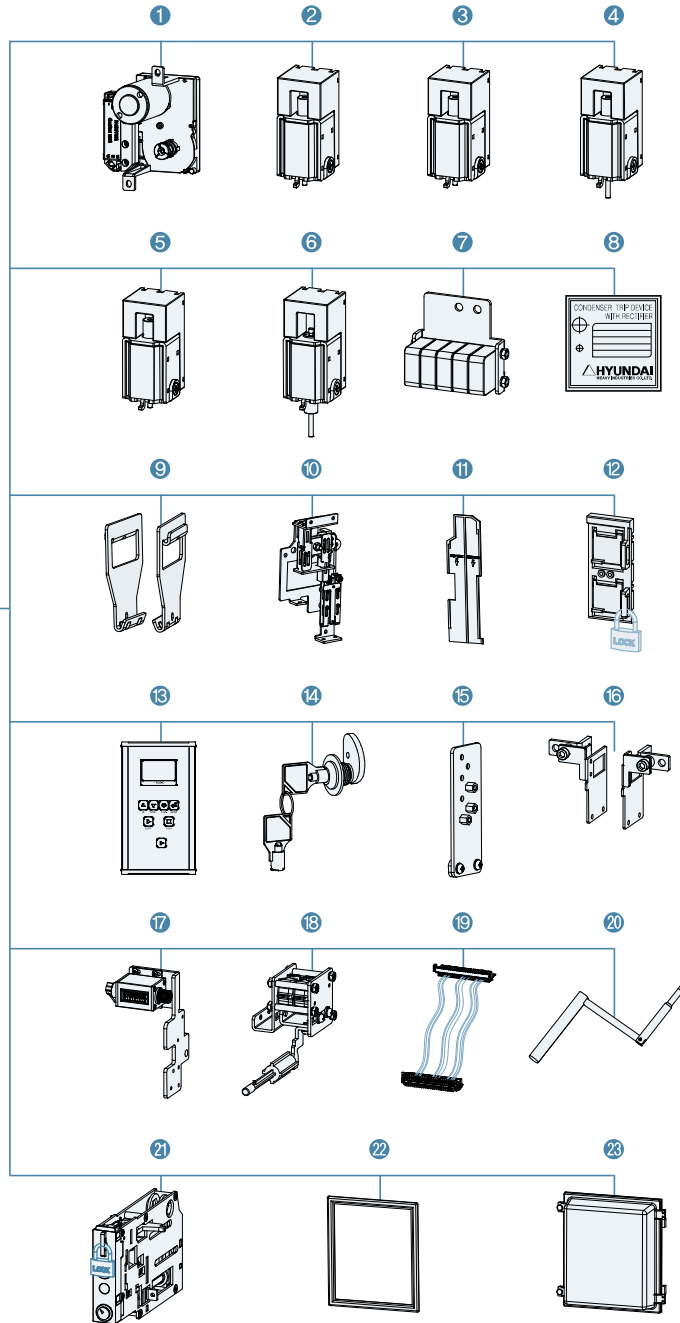
- DEKRA Formerly KEMA Quality Registered
- KERI Korea Electrotechnology Research Institute



Features

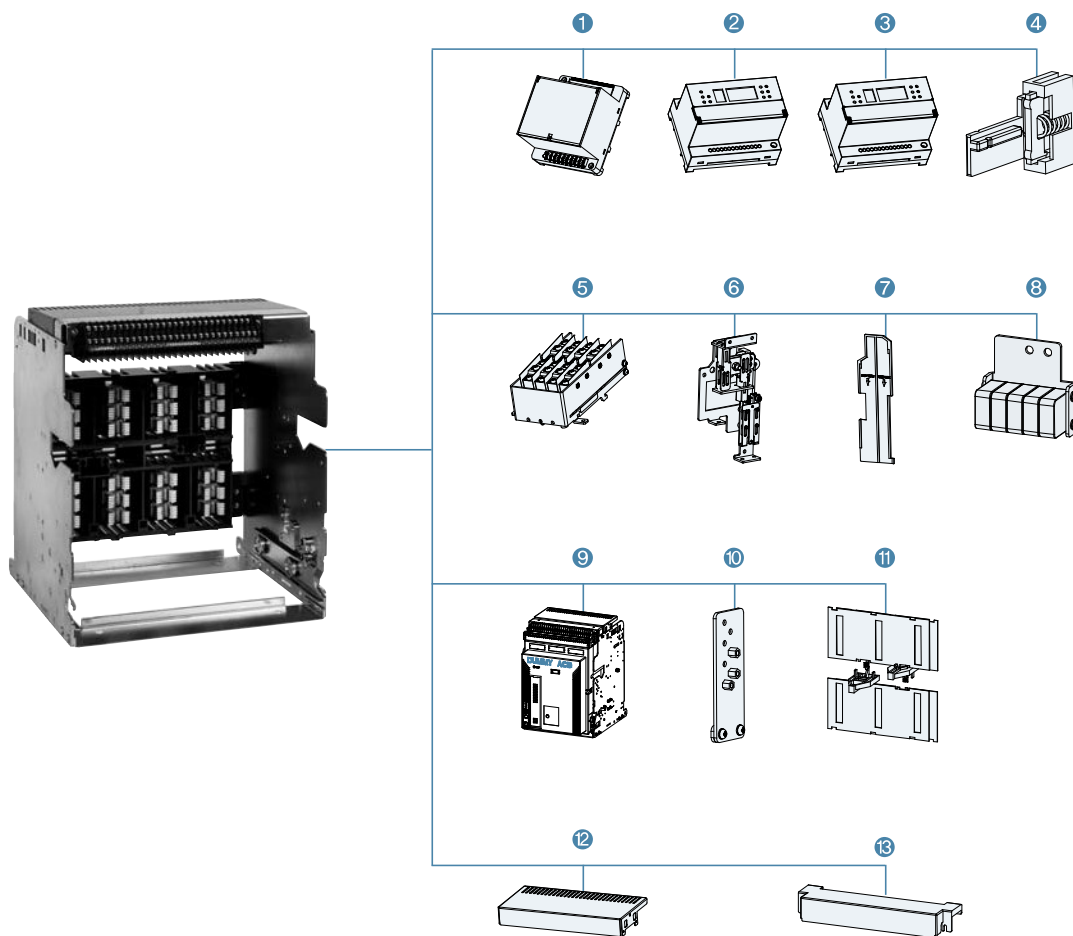
| Various accessories |

[Body]



- | | | | |
|---------------------------|----------------------------|-----------------------------------|--|
| ① Motor | ⑦ Auxiliary switch | ⑬ OCR portable checker | ⑲ Test jumper |
| ② Closing coil | ⑧ Condenser trip device | ⑭ Key lock device | ⑳ Draw-in/out handle |
| ③ Trip coil | ⑨ Lifting lug | ⑮ Miss-insertion preventer | ㉑ Draw-in/out and position lock device |
| ④ Double trip coil | ⑩ Mechanical interlock kit | ⑯ Fixing block | ㉒ Door flange |
| ⑤ Trip supervision coil | ⑪ Phase insulation barrier | ⑰ Counter | ㉓ Dust cover |
| ⑥ Under voltage trip coil | ⑫ ON/OFF button cover | ⑱ OCR & Alarm switch reset device | |

[Cradle]



- ① UVT time delay controller
- ② Remote operation module
- ③ Temperature detection module
- ④ Short "b" contact
- ⑤ Position switch

- ⑥ Mechanical interlock kit
- ⑦ Phase insulation barrier
- ⑧ Mechanical operated cell (MOC) switch
- ⑨ Dummy ACB
- ⑩ Miss-insertion preventer

- ⑪ Safety shutter
- ⑫ Arc shield
- ⑬ Control terminal protection cover