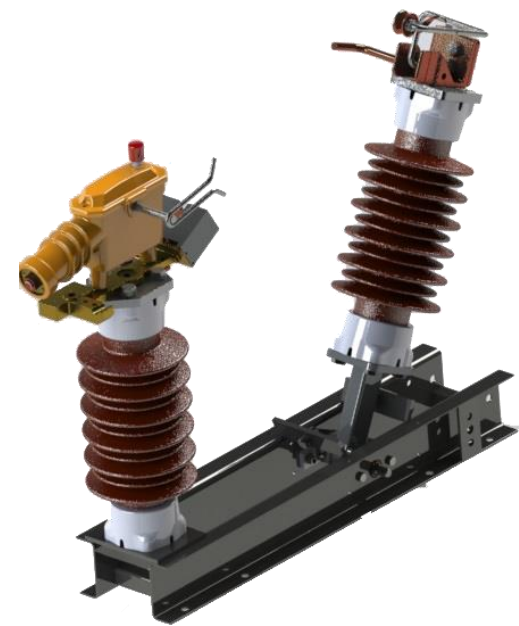
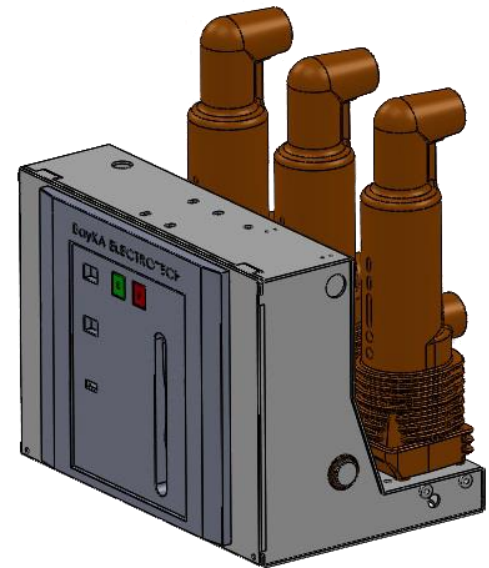


BAYKA DESIGN

Medium Voltage Switchgear



Who Are We?

BayKA Engineering are specialists in the medium voltage switchgear and power components design, testing, manufacturing and establishing factories since 20 years.

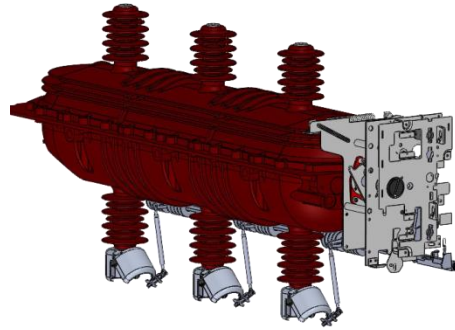
BayKA Engineering is profesional designer and producer below product type and more..

- Vacuum Or Sf6 Circuit Breaker Design , Up to 40.5 kV ,3150 A ,40 kA .
- Metal-clad And Metal-enclosed Switchgear (Air /SF6 Insulation) Design ,up to 40.5 kV , 3150 A , 40 kA
- Ring Main Unit Design ,36 kV , 2500 A , 25 kA.
- Sf6 Primary GIS , up to 36 kV , 2500 A , 31,50 kA
- Recloser, Sectionaliser, Overheadline Switches.
- Railway Circuit Breaker And Railway Load Break Switches.
- Sheet Metal And Concrete Substation , Mobile Substation

ON-LOAD SWITCH



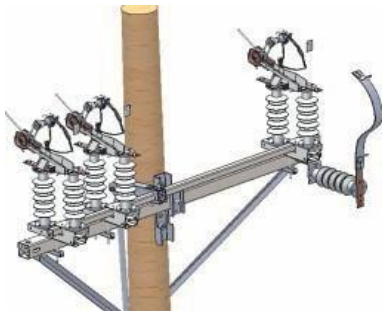
Indoor On-Load switch
Rated voltage : 12/24 kV
Rated Current : 630A/1250A
Rated Short Circuit Current : 16 kA/21 kA
Insulation : Sf6



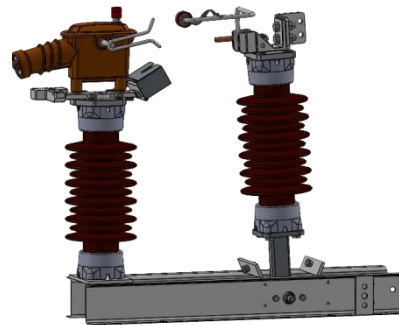
Indoor On-Load switch
Rated voltage : 36kV
Rated Current : 630A/1250A
Rated Short Circuit Current : 16 kA/21 kA
Insulation : Sf6



Outdoor On-Load switch
Rated voltage : 12/24 /36kV
Rated Current : 630A/1250A
Rated Short Circuit Current : 16 kA/21 kA
Insulation : Sf6



Outdoor On-Load switch
Rated voltage : 12/24 /36kV
Rated Current : 630A
Rated Short Circuit Current : 16 kA/21 kA
Insulation : Air

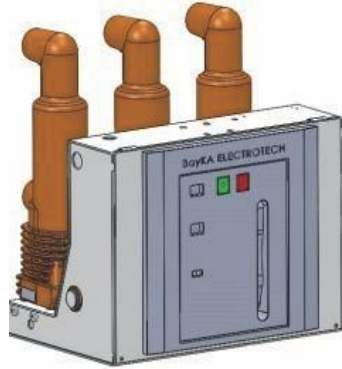


Railway On-Load switch
Rated voltage : 27,5 kV
Rated Current : 2000 A
Rated Short Circuit Current : 31,5 kA
Insulation : Vacuum

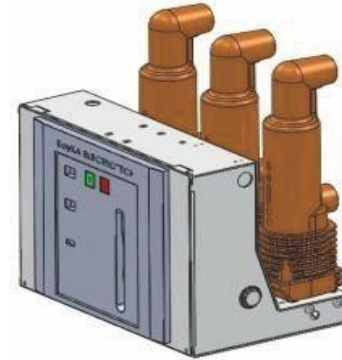


Railway On-Load switch
Rated voltage : 27,5 kV
Rated Current : 2000 A
Rated Short Circuit Current : 31,5 kA
Insulation : Vacuum

MV CIRCUIT BREAKER



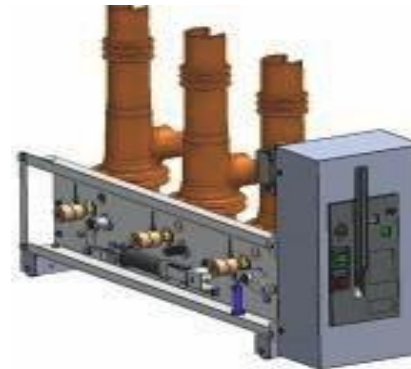
Indoor Vacuum Circuit Breaker
Rated voltage : 12/24 /36 kV
Rated Current : 630A/1250A/2500 A
Rated Short Circuit Current : 16/25/31,5 kA
Insulation : Vacuum



Indoor Vacuum Circuit Breaker
Rated voltage : 12/24 /36 kV
Rated Current : 630A/1250A/2500 A
Rated Short Circuit Current : 16/25/31,5 kA
Insulation : Vacuum

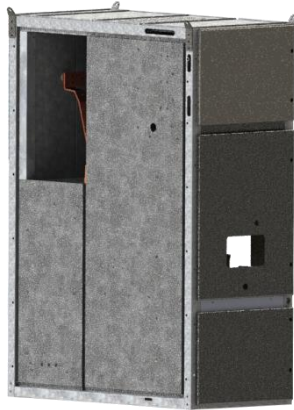


Indoor Sf6 Circuit Breaker
Rated voltage : 12/24 /36 kV
Rated Current : 630A/1250A
Rated Short Circuit Current : 16 kA / 25 kA
Insulation : Sf6



Indoor Sf6 Circuit Breaker
Rated voltage : 12/24 /36 kV
Rated Current : 630A/1250A
Rated Short Circuit Current : 16 kA / 25 kA
Insulation : Sf6

MV SWITCHGEAR



Indoor Metal-Clad Switchgear
Rated voltage : 12/24 /36 kV
Rated Current : 630A/1250A/2500 A
Rated Short Circuit Current : 16/25/31,5 kA
Insulation : AIS/Vacuum



Indoor AIS Metal-Clad Switchgear
Rated voltage : 12/24 /36 kV
Rated Current : 630A/1250A/2500 A
Rated Short Circuit Current : 16/25/31,5 kA
Insulation : AIS/Vacuum



Indoor Sf6 RMU with Circuit Breaker
Rated voltage : 12/24 /36 kV
Rated Current : 630A/1250A
Rated Short Circuit Current : 16 kA / 25 kA
Insulation : Sf6



Indoor Sf6 RMU with On-Load Switch
Rated voltage : 12/24 /36 kV
Rated Current : 630A/1250A
Rated Short Circuit Current : 16 kA / 25 kA
Insulation : Sf6

MV SUBSTATION



Outdoor MV. Sheet Metal Substation
Rated voltage : 12/24 /36 kV
Rated Current : 630A/1250A/2500 A
Rated Power : up to 4000 kVA
Insulation : AIS



Outdoor MV. Sheet Metal Substation
Rated voltage : 12/24 /36 kV
Rated Current : 630A/1250A/2500 A
Rated Power : up to 4000 kVA
Insulation : AIS



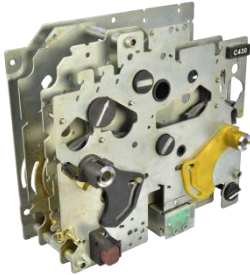
Indoor/Outdoor LV Panel/Switchgear
Rated voltage : 400 V
Rated Current : 1250A/2500 /4000 A
Rated Short Circuit Current : up to 120 kA
Insulation : AIS



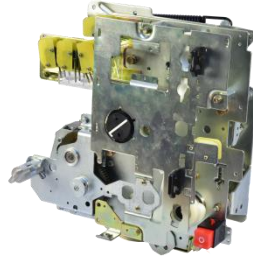
Mobile Substation
Rated voltage : 154 kV/250 kV
Rated Current : 1250A/2500 /4000 A
Rated Short Circuit Current : up to 50 kA
Insulation : AIS/Sf6

Products (Electrical /Auxiliary Parts)

Mechanisms (Circuit Breaker , On-Load switch)



Indoor On Load Switch Mechanism
(ALSTOM TYPE)
Rated voltage : 12/24 /36 kV
Rated Current : 630A/1250A
Rated Short Circuit Current : 16/25 kA
Insulation : SF6



Indoor On Load Switch Mechanism
(SCHNEIDER TYPE)
Rated voltage : 12/24 /36 kV
Rated Current : 630A/1250A
Rated Short Circuit Current : 16/25 kA
Insulation : Sf6



Indoor Circuit Breaker Mechanism
(SCHNEIDER TYPE)
Rated voltage : 12/24 /36 kV
Rated Current : 630A/1250A/2500 A
Rated Short Circuit Current : 16/25/31.5 kA
Insulation : Sf6/Vacuum

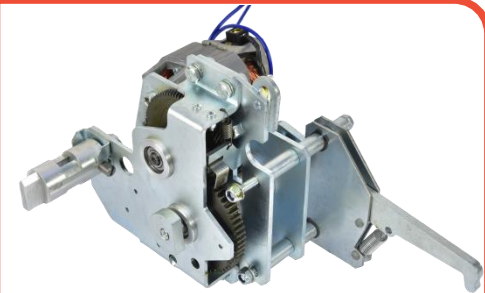
Gear Box (Circuit Breaker , On-Load switch)



Indoor On Load Switch Mechanism
Rated voltage : 12/24 /48/110/220 VDC



Indoor On Load Switch Mechanism/
Circuit breaker Mechanism
Rated voltage : 12/24 /48/110/220 VDC
(ABB TYPE)



Indoor On Load Switch Mechanism/
Circuit breaker Mechanism
Rated voltage : 12/24 /48/110/220 VDC
(SCHNEIDER TYPE)



Electrical Contacts



Tulip Contact for Metal-Clad (ABB TYPE)
Rated voltage : 12/24 /36 kV
Rated Current : 630A/1250A/2500
Rated Short Circuit Current : 25/31.5 kA
Insulation : SF6/AIS



Flat Contact for Metal-Clad (SIEMENS TYPE)
Rated voltage : 12/24 /36 kV
Rated Current : 630A/1250A/2500
Rated Short Circuit Current : 25/31.5 kA
Insulation : SF6/AIS



Fuse Holder (SIEMENS TYPE)
Rated voltage : 12/24 /36 kV
Rated Current : 630A
Insulation : AIS



Tulip Contact
Rated Current : 630A/1250A/2500A/3150A
Rated STC : Up to : 63 kA



Arcing contact for Circuit Breaker (SCHNEIDER)
Rated voltage : 12/24 /36 kV
Rated Current : 630A/1250A/
Rated Short Circuit Current : 25/31.5 kA
Insulation : SF6/AIS



Movable Contact for circuit Breaker
Rated voltage : 12/24 /36 kV
Rated Current : 630A
Rated Short Circuit Current : 25/31.5 kA
Insulation : AIS



CONTACT SPRING FOR MOVABLE CONTACT
Rated voltage : 12/24 /36 kV
Rated Current : 630A/1250A/2500
Rated Short Circuit Current : 25/31.5 kA
Insulation : SF6/Vacuum



Movable Contact for LBS (LG)
Rated voltage : 12/24 /36 kV
Rated Current : 630A/1250A/
Rated Short Circuit Current : 16/25 kA
Insulation : SF6

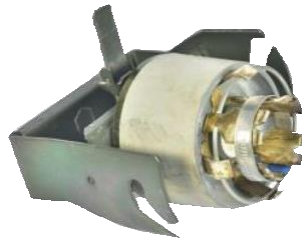


Movable Contact for circuit Breaker
Rated voltage : 12/24 /36 kV
Rated Current : 630A/1250A/
Rated Short Circuit Current : 16/25 kA
Insulation : SF6

Electrical Contacts



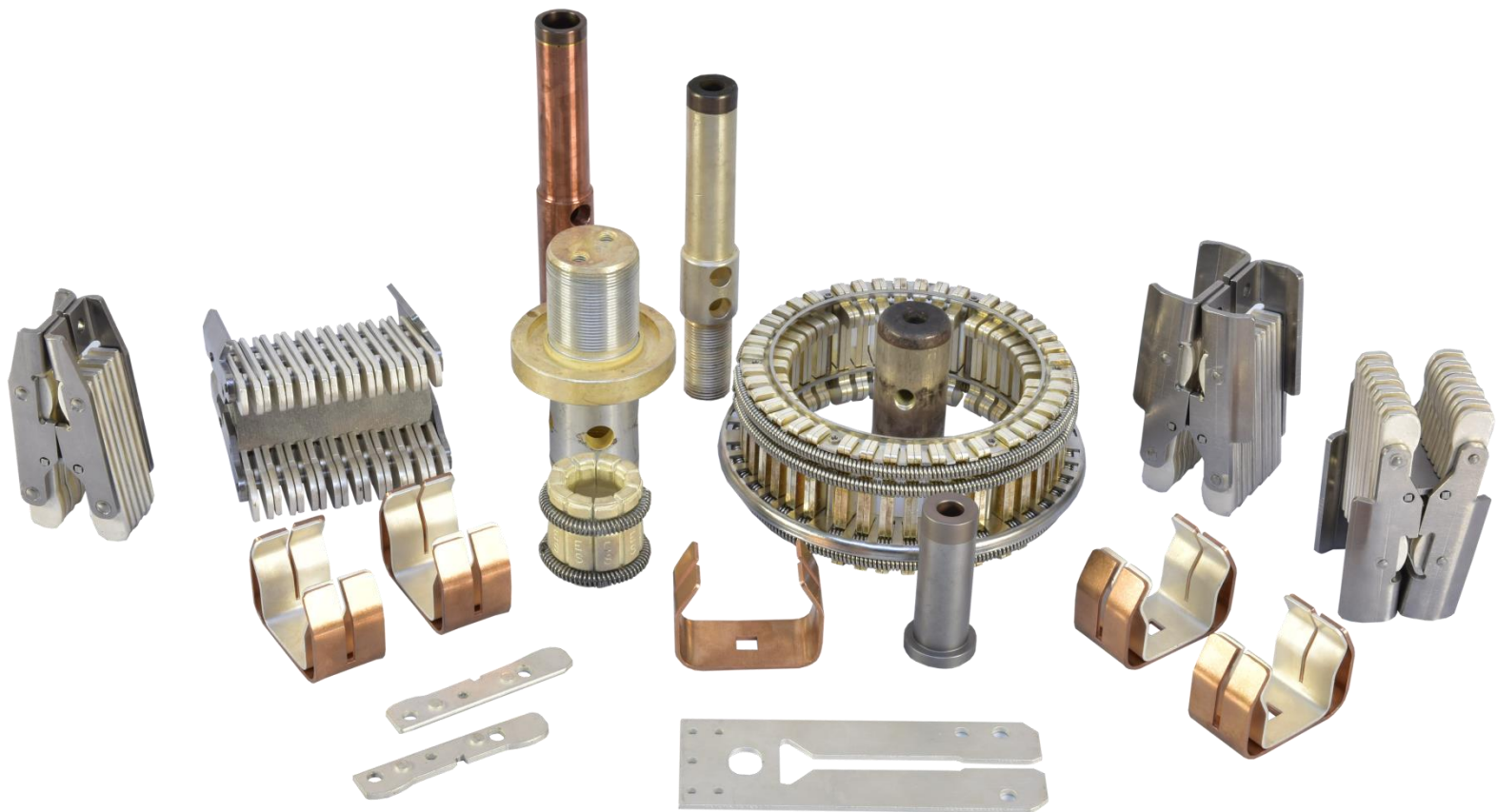
Tulip Contact for Metal-Clad (ABB)
Rated voltage : 12/24 /36 kV
Rated Current : 630A/1250A/2500
Rated Short Circuit Current : 25/31.5 kA
Insulation : SF6/AIS



RMU fuse Holder (ABB)
Rated voltage : 12/24 /36 kV
Rated Current : 630A
Rated Short Circuit Current : 16/25 kA
Insulation : SF6



Movable Contact for circuit Breaker
Rated voltage : 12/24 /36 kV
Rated Current : 630A
Rated Short Circuit Current : 16/25 kA
Insulation : AIS



Electrical Motors



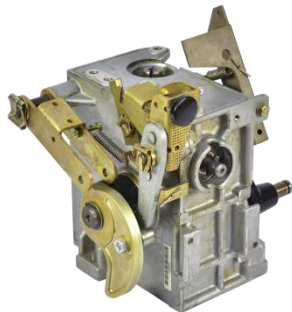
Spring Charging Motor (PMDC)
Rated voltage : 12/24 /48/110/220 V
Insulation : SF6/AIS



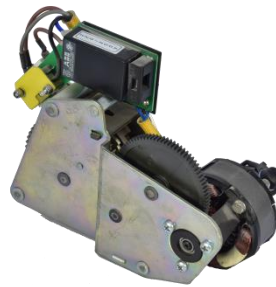
Spring Charging Motor (Universal)
Rated voltage : 12/24 /48/110/220 V
Insulation : SF6/AIS



Spring Charging Motor (Universal)
Rated voltage : 12/24 /48/110/220 V
Insulation : SF6/AIS



Spring Charging Motor with Gearbox
(Universal) (Siemens)
Rated voltage : 12/24 /48/110/220 V
Insulation : SF6/AIS/Vacuum



Spring Charging Motor with Gearbox
(Universal) (ABB)
Rated voltage : 12/24 /48/110/220 V
Insulation : SF6/AIS/Vacuum



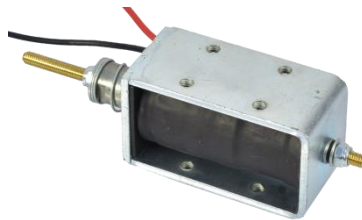
Spring Charging Motor with Gearbox
(Universal) (Schneider)
Rated voltage : 12/24 /48/110/220 V
Insulation : SF6/AIS/Vacuum



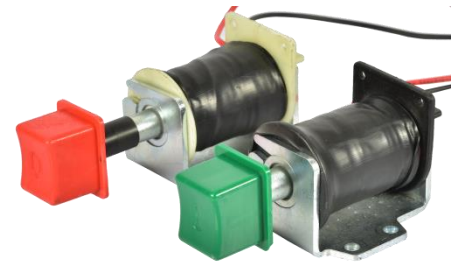
Shunt Opening And Closing Coils



Shunt Opening-Closing Coils
Rated voltage : 12/24 /48/110/220 V
Insulation : SF6/AIS/Vacuum



Shunt Opening-Closing Coils
Rated voltage : 12/24 /48/110/220 V
Insulation : SF6/AIS/Vacuum



Shunt Opening-Closing Coils
Rated voltage : 12/24 /48/110/220 V
Insulation : SF6/AIS/Vacuum



Shunt Opening-Closing Coils
Rated voltage : 12/24 /48/110/220 V
Insulation : SF6/AIS/Vacuum



Shunt Opening-Closing Coils
Rated voltage : 12/24 /48/110/220 V
Insulation : SF6/AIS/Vacuum



Shunt Opening-Closing Coils
Rated voltage : 12/24 /48/110/220 V
Insulation : SF6/AIS/Vacuum



Products (Electrical /Auxiliary Parts)

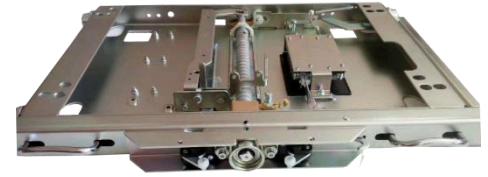
Metal- Clad Parts



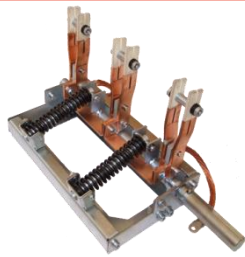
Metal-Clad Busbar Disconnecter
Switch and Earthing Switch Open and
Close Mechanism with Motor.
Rated voltage : 12/24 /48/110/220 V
Insulation : SF6/AIS



Tulip Contact
Rated Current : 630A/1250A/2500A/3150A
Rated STC : Up to : 63 kA



Metal Clad VCB trolley with motor
Rated voltage : 12/24 /48/110/220 V
Insulation :AIS



Earthing Switches (ABB, Siemens)
Rated voltage 12/24/36/40,5 kV
Rated STC : 25 kA, 31,5 kA – Class B
Insulation : AIS



Tulip Contact
Rated Current : 630A/1250A/2500A/3150A
Rated STC : Up to :40kA



Flat Contact
Rated Current : 630A/1250A/2500A/3150A
Rated STC : Up to : 40 kA

Ring main Unit Parts



Extendable Busbar Connection Contact
(Silicon – EPDM)
Rated voltage : 12/24/36 kV
Insulation : Silicon-EPDM



Dammy Plug (Silicon – EPDM)
Rated voltage : 12/24/36 kV
Insulation : Silicon-EPDM



Bushing Insulator
Rated voltage : 12/24/36 kV
Insulation : Epoxy resin

Machining – Investment Casting – Gear –Welding Parts



Fuses Upper holder for LBS
Insulation : SF6/AIS



Fuses Upper holder for LBS
Insulation : SF6/AIS



Fuses Upper holder (silicone) for LBS and
Arcing Cone for Circuit Breakers (PTFE)
Insulation : SF6/AIS



Magnetic field fixer
Insulation : AIS



CB charging gear - investment casting
Insulation : SF6/AIS/Vacuum



CB charging gear parts -investment casting
Insulation : SF6/AIS/Vacuum



Operating arms (Load break switch ,
Disconnecter Switch)

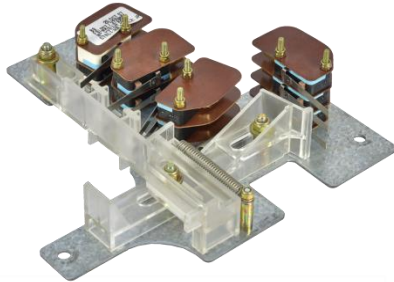


Gear parts for Charging gear-box

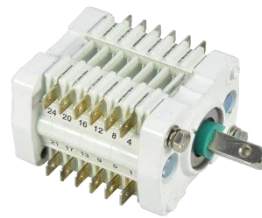


Welding Assesmbly

Auxiliary Contacts / Mechanical counter /Manometer / Pressure Gage



Auxiliary Contact for Schneider Load Break Switch
24/48/110/220 VDC



Auxiliary Contact for Circuit Breaker and LBS
24/48/110/220 VDC



Auxiliary Contact for Disconnector Switches
24/48/110/220 VDC



Limit Switches , Auxiliary Contact for Schneider Load Break Switch
24/48/110/220 VDC



Manometer , 2 active contact with thermometer compensation
Insulation : SF6



Operating Counter / Mechanical Counter
Insulation : SF6/AIS/Vacuum



Manometer , 2 active contact with thermometer compensation
Insulation : SF6



SF6 filling Valve



Manometer , 2 active contact with thermometer compensation
Insulation : SF6

BAYKA DESIGN

Medium Voltage Switchgear

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