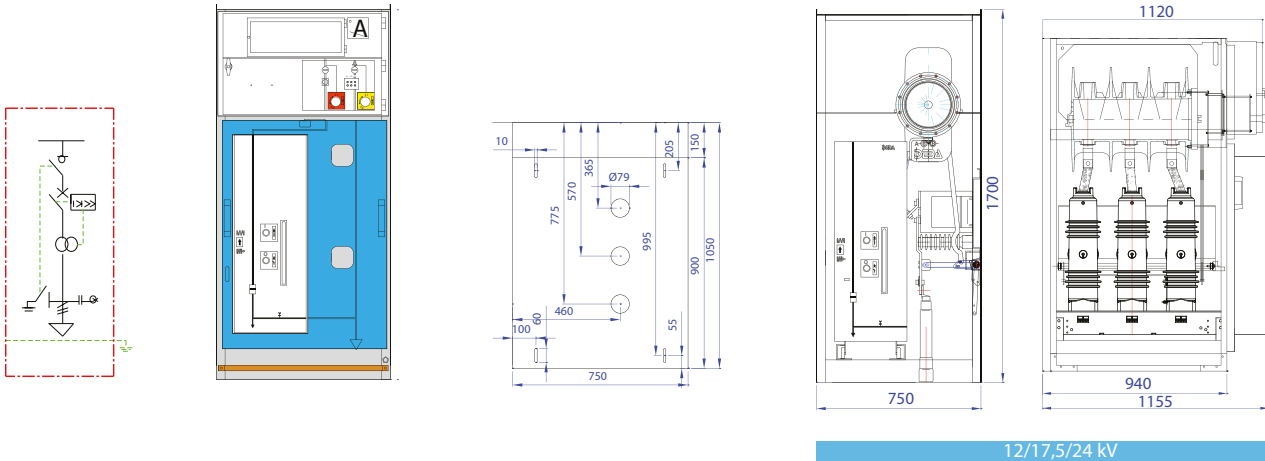


DF-D/EDN

Protection cubicle with vacuum circuit breaker with block current transformers and separate relay of any make.

460



Standard Equipment

- Triple-phase load break switch RV44, class E3 according to IEC 62271-103, SF₆-insulation
- Vacuum circuit breaker
- Interlocked earthing switch with rated making capacity up to 63 kA downstream of the capacity switch
- Cable support
- Door interlock
- Insulators with capacitive device for VDS (Voltage Detection System)
- Voltage indicators VDS - LRM (*) - HR (***) (to be confirmed at order)
- Switch counter
- LV compartment accessible by door
- Floor panels
- Base for 3 current transformers block type

Cubicle Options

- Protection relay (to be specified by the customer)
- Current transformer (to be specified by the customer)
- Set of auxiliary contacts on the load break switch
- Set of auxiliary contacts on the earthing switch
- Key interlock on load break switch
- Key interlock on earthing switch
- Key interlock on both
- No door interlock
- Motor operation on load break switch: 24-48-110 V AC/DC & 220 V AC
- Earthing connections upwards from the circuit breaker
- Cubicle base: 200 mm, 300 mm or 400 mm height (other dimensions on demand)
- Button press control on switch-disconnector
- Remote control on switch-disconnector
- Torus current transformer

(*) Low resistance measurement
(**) High resistance measurement

APPLICATION

Protection of feeders with circuit breaker, transformer and MV-equipment protection.

SPECIFICATIONS & DIMENSIONS

Rated Voltage	kV	12	17,5	24
Rated current	A	800/1250	800/1250	630/800
Short-term current	kA	25	25	20
Time of the short duration of current	s	1	1	1
Width	mm	750	750	750
Depth	mm	1050	1050	1050
Height	mm	1700	1700	1700
Height between ground and socket	mm	445	445	445
Weight	kg	460	460	460

Options on the circuit breaker

- Motor operation (*)
- Closing release
- Shunt trip 1-2 (*)
- Delayed/ direct Under voltage release (*)
- Set of auxiliary contacts from 1-6
- Fault contact on the relay
- Supply for test protective relay (battery block)
- Automatic recloser
- Remote control on circuit breaker
- Key interlock with load break switch and with earthing switch
- Indication lamps
- Pushbuttons close-open

Specifications to be indicated for circuit-breaker VA-2/VAS-2:
Short-circuit capacity, rated current, rated voltage and capacity to be secured

(*) Available voltages: 24 V AC/DC, 48 V AC/DC, 110 V AC/DC, 220 V AC