

Driescher Air-Insulated Medium Voltage Outdoor Switch-Disconnecter Medium Voltage Outdoor-Disconnecter Rated Voltage 12 - 36 kV



- Switch-disconnectors, single-pole and three-pole version, suitable to switch spur lines and ring mains or transformers
- Pole-mounted switches, 3-pole for breaking smaller currents
- Disconnectors, single-pole and three-pole version, for off-load switching
- Outdoor mechanisms: manual-, electrical-, and compressed-air type, plus accessories
- Fuse holders, single-pole and three-pole version, equipped with fuse clips for HV HRC fuse-links to DIN 43625
- Earthing switches, single-pole and three-pole version
- Hot dip galvanized switch shafts and basic frames made of profiled steel
- Mechanical components (elements) of high-quality steel
- Arrangement of the switch shafts in maintenance-free polyamid bearings
- Switch-disconnectors with additional line contacts with silver-graphite sliding tracks

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Driescher air-insulated medium voltage outdoor-switches

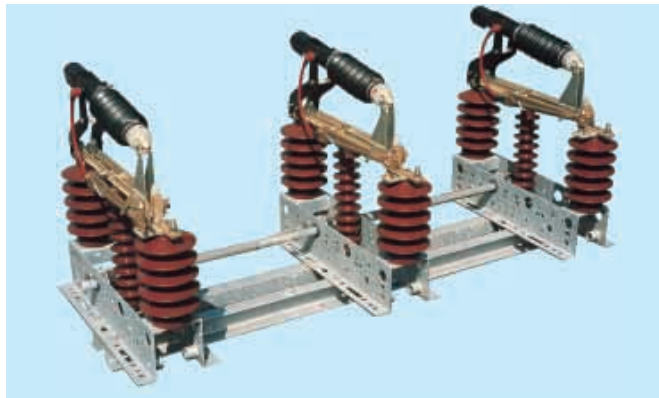
are destined to switch spur lines and ring mains or transformers (in connection with HV HRC fuse-links as short-circuit protection), or for switching under off-load conditions.

The contacts, being of high technical quality, guarantee a long-time maintenance-free operation.

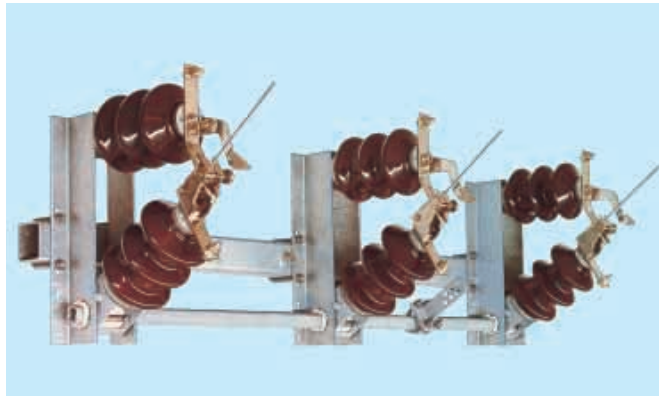
The arc quenching system of the switch-disconnectors mainly consists of molded synthetic material, and this means a very low weight.

The quenching of the arc will be done by evaporation of solid synthetic material, i.e. according to the hard-gas principle.

Switches with resin or porcelain insulators can be delivered.



Outdoor switch-disconnector:
Rated voltage 12-36 kV, rated current 400A, single- and three-pole, for vertical and horizontal installation, in different types of construction, also with HV HRC fuse assembly.



Outdoor pole-mounted-switch:
for breaking small currents, rated voltage 12-36 kV, rated current 200, 400 and 630A, three-pole, for vertical and horizontal installation, in different types of construction.

Technical Data

Rated voltage	Type	Rated current	Rated mainly active load breaking current	Rated transformer off-load breaking capacity	Rated cable charging and line breaking current	Rated closed loop breaking current	Rated peak current	Rated short time current (1s)	Rated lightning impulse withstand voltage
kV		A	A	A	A	A	kA	kA	kV
12	LDFT(P) 12 / 400	400	400	4	35	400	40	16	75/ 85
24	LDFT(P) 24 / 400	400	400	4	20	400	40	16	125/145
36	LDFT(P) 36 / 400	400	400	4	16	400	40	16	170/195
12	DFT(P) 12 / 400	400	–	–	–	–	40	16	75/ 85
12	DFT(P) 12 / 630	630	–	–	–	–	75	30	75/ 85
12	DFT(P) 12 /1250	1250	–	–	–	–	125	50	75/ 85
24	DFT(P) 24 / 400	400	–	–	–	–	40	16	125/145
24	DFT(P) 24 / 630	630	–	–	–	–	50	20	125/145
24	DFT(P) 24 /1250	1250	–	–	–	–	100	40	125/145
36	DFT(P) 36 / 400	400	–	–	–	–	–	–	170/195
36	DFT(P) 36 / 630	630	–	–	–	–	50	20	170/195
36	DFT(P) 36 /1250	1250	–	–	–	–	80	31,5	170/195
12	FM(P) 12 / 400	400	16	1	10	100	40	16	75/ 85
12	FM(P) 12 / 630	630	16	1	10	100	40	16	75/ 85
17,5	FM(P) 17,5/ 400	400	16	0,5	10	100	40	16	95/110
17,5	FM(P) 17,5/ 630	630	16	0,5	10	100	40	16	95/110
24	FM(P) 24 / 400	400	12	0,5	10	100	40	16	125/145
24	FM(P) 24 / 630	630	12	0,5	10	100	40	16	125/145
36	FM(P) 36 / 400	400	8	0,25	10	100	40	16	170/195
36	FM(P) 36 / 630	630	8	0,25	10	100	40	16	170/195

We reserve the right to alter the dimensions and technical data. Please contact us for more details.

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