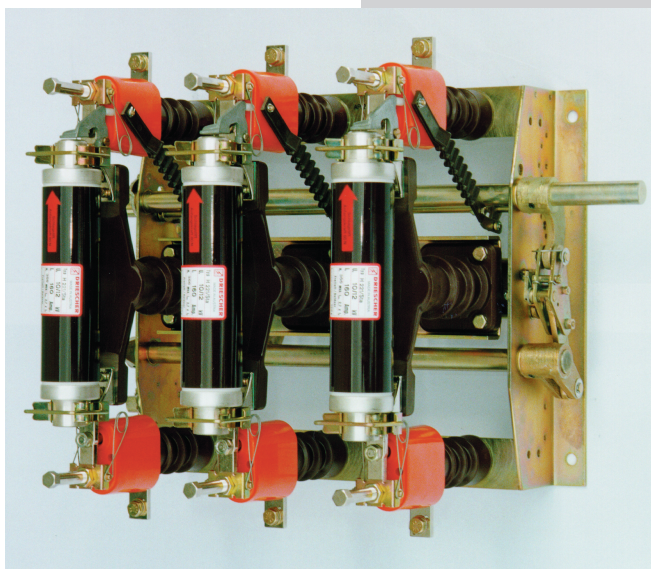


DRIESCHER Transformer Switch Disconnecter M3007

- three-pole
- Rated voltage
24 kV
- Rated current max. 400 A



ELEKTROTECHNISCHE WERKE
FRITZ DRIESCHER & SÖHNE GMBH

D-85366 Moosburg • Phone: +49 8761 681-0 • Fax: +49 8761 681-137
www.driescher.de infoservice@driescher.de



DRIESCHER-Transformer Switch Disconnecter M3007

are known in the mounting of medium-voltage substations because of their space-saving design. They are undemanding in maintenance also under unfavourable conditions. The parallel movement of the actuating cross-arms (11) leads per pole to two switching centres lying in a row, and therefore to high reserves for the breaking capacity.

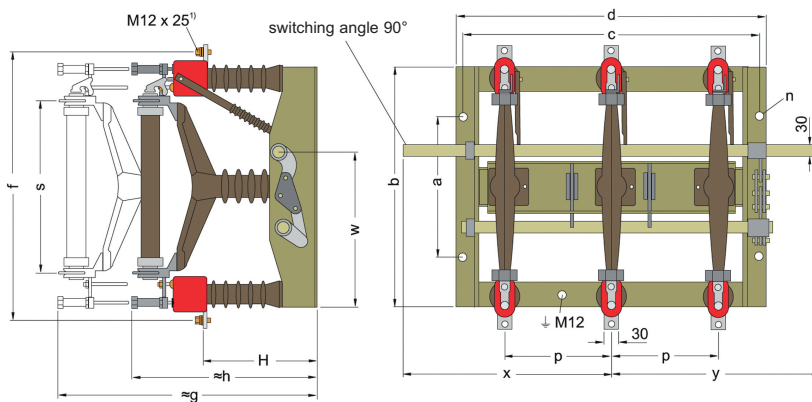
The main contact system of this switch is manufactured in that way that it can permanently carry currents up to 400 A and it has a maximum breaking capacity of 400 A (up to 3 opening operations).

In the OFF-position a dead centre position takes care that the slide with the actuating cross-arms cannot be moved into the ON-position during the change of fuses.

DRIESCHER indoor transformer switch disconnectors M3007 can also be delivered with mounted earthing switch (below or above) as well as with auxiliary switches (up to 8 contacts) on switch shaft and / or actuating shaft.

Manual drives see brochure 774.

H.v. h.b.c. fuses see brochure 791.



1) hex head bolt with wash and lock washer

M3007 with cast resin insulators, arc quenching chambers with main and lagging contacts, trip-free release and quick-break operation, base frame made of sectional steel and fuse holding contacts for h.v. h.b.c. fuses with striker impact acc. to DIN 43625 (striker pin 80 N) for all-pole tripping of the switch disconnecter.

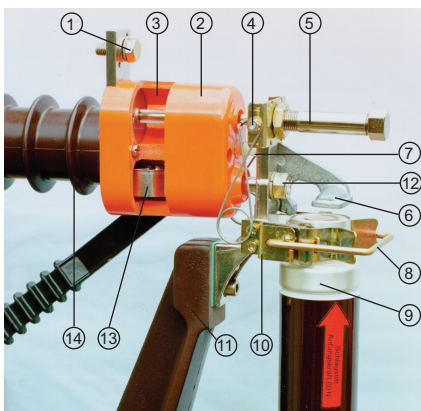
The switches are suitable for normal operating conditions acc. to EN 62271-1, class "Minus 5 Indoor". The maximum value of the surrounding temperature is 40°C; the mean over 24 hours is maximum 35°C. The values of the insulating power refer to sea-level.

When mounting the switch up to 1000 m the insulation reduction – because of the dropping insulation power of the air – can be neglected.

When mounting the switch > 1000 m above sea-level the indicated values of rated withstand alternating voltage and rated lightning impulse withstand voltage have to be changed.

Rated voltage	Rated current ¹⁾	p	a	b	c	d	f	≈g	≈h	H	ø	n	s	v	w	x y	Part-no.:	Weight approx. kg	Drawing-no.:
24 kV	400/63 A	275	350	665	750	780	740	710	519	318	15	475	110	430	545	721 56 111	75	019913-001	

¹⁾ Rated current fuse holder 125 A



- ① Switch connection
- ② Arc quenching chamber
- ③ Arcing chamber with clear insert
- ④ Lagging contacts
- ⑤ Guide sleeve for lagging contact (adjustable)
- ⑥ Release lever, results over striker pin (7) and release support in all-pole opening when one h.v.h.b.c. fuse with striker impact releases
- ⑦ Striker pin for trip-free release
- ⑧ Retaining clip
- ⑨ H.v.h.b.c. fuse H 220 Sta resp. H 221 Sta with striker impact
- ⑩ Fuse holding contacts for h.v.h.b.c. fuse with striker impact
- ⑪ Actuating cross-arm
- ⑫ Main contact pin
- ⑬ Line contact
- ⑭ Cast resin insulator GSA

Dimensions, weights, diagrams and descriptions in the list are non-binding. Subject to change without notice.

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