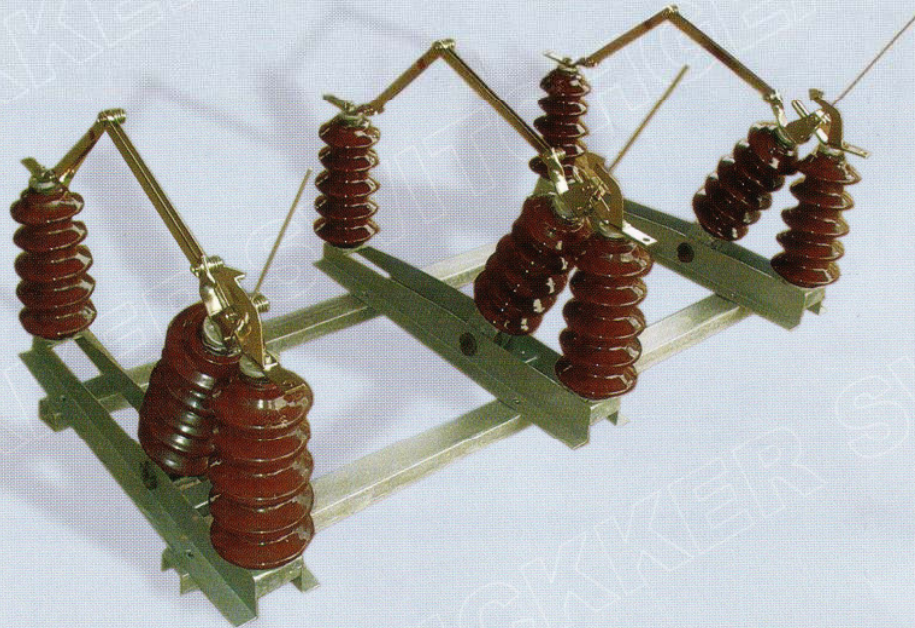


PANICKER SWITCHGEAR

7A

Outdoor Interruptor Switch TYPE FM



The outdoor interruptor switches contained in this list are designed for load breaking duties on feeder lines and ring main circuits or transformer circuits (in conjunction with HRC fuses or cut out fuses). They cover the rated voltage of 12/17, 5 kV up to 36 kV at rated currents of 200, 400 and 630 A. Different types are available the details of which will be provided on request.

The electrical performance of the outdoor interruptor switches conforms to the IEC standards. The switch conforms to the specifications laid down by Rural Electrification Corporation and could be effectively used for transformer control in rural electrification.

The switches are also available in 2 insulator per pole version for specific applications. The switches are mounted on square tubular mounting beam or channels and the whole assembly could be mounted on a single pole structure and is ideally suited for vertical mounting.

The switch also could be mounted horizontally for the purpose of sectionalising circuits. The construction is able to cope with a rugged outdoor mains operation and all climatic conditions. Other type of executions can be supplied on request.

Technical Data

rated voltage	type	rated nominal current	rated impulse withstand voltage	rated 1 min power frequency withstand voltage	short-time withstand current	mainly active load breaking capacity	closed loop breaking capacity	transformer off load breaking capacity	single capacitor bank breaking capacity	line-charging breaking capacity	cable charging breaking capacity
U_n kV	FM	I_n A	U_1 kV	U KV ₁ min	I_{th} kA	I_1 A	I_2 A	I_3 A	I_4 A	I_5 A	I_6 A
12/17,5	12/17,5/400	400	95/110	38/45	16	16	100	10	10	10	10
12/17,5	12/17,5/630	630	95/110	38/45	16	16	100	10	10	10	10
24	24/400	400	125/145	50/60	16	12	100	10	10	10	10
24	24/630	630	125/145	50/60	16	12	100	10	10	10	10
36	36/400	400	170/195	70/80	16	8	100	5	10	10	10
36	36/630	630	170/195	70/80	16	8	100	5	10	10	10

PANICKKER
Outdoor interrupter
Switch type FM
3 insulators per phase-version

kV	A	=a	b	c	d	h	hi	=1	m	p
10/15	400/630	520	860	1400	215	290	258	960	180	600
20/24	400/630	565	900	1700	255	340	308	1000	220	750
30/36	400/630	745	940	2000	295	420	388	1040	260	900

Fixing holes to customer's request
Dimensions C and P adjustable to suit site conditions.

PANICKKER
Outdoor interrupter
switch type FM
2 insulators per phase version

kV	≈a	b	c	d	h	P	k
10/15	520	270	1400	215	290	600	410
20/24	565	310	1700	235	340	750	450
30/36	745	350	2000	255	420	900	490

Fixing holes to customer's request
Dimensions C and P adjustable to suit site conditions.

MAXIMUM 6 METER LENGTH

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