



Film Capacitors – MV Capacitors

3-phase surge suppression capacitors

Series/Type:	MV APP
Ordering code:	B25161*
Date:	2018-10-01
Version:	1

Preliminary data

Applications

- Surge suppression in MV grids
- Protection of MV equipment such as generators, motors, transformers and reactors by reducing dv/dt and smoothing voltage distribution across the winding
- Damps reflected waves within winding
- Protection of mechanical and solid state switching devices from malfunction like pre-strike, post-strike and insulation failure
- Reduction of switching-off transients caused by inductive current chopping through vacuum or other switchgear
- Prevention of malfunction of relays and protection schemes due to transients

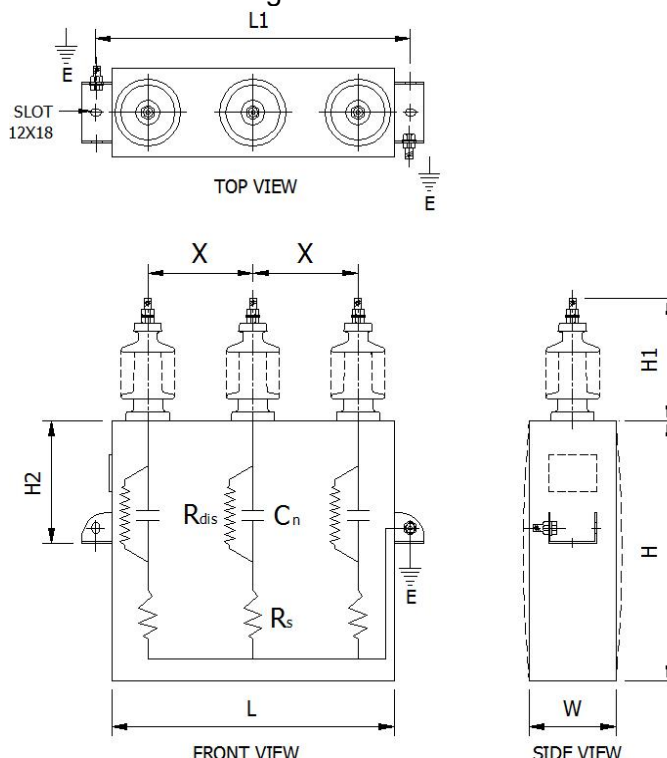
Features

- Oil impregnated all-polypropylene capacitor (APP)
- Cost effective solution to protect valuable MV assets
- Highly reliable design with edge folding construction
- Designed and tested according to IEC 60871 (1): 2014
- Stainless steel grade 409 container
- Temperature category: -25/D
- Internal discharge device
- Paint shade of container: light grey
- Suitable for indoor usage or inside enclosed panel, for outdoor application, phase barriers / shrouds should be used

Options

- External series resistor optional
- This datasheet shows standard ratings, for special requirements please contact our local sales representative

Dimensional drawings



Preliminary data
Technical data and ordering codes

Ordering code	V*	C _N (L-E)	R _s	L	L1	W	H	H1	H2	Terminal stud	X	Appr. Wt.	Creep-age	Bushing colour
	kV	µF	ohm	mm	mm	mm	mm	mm	mm	mm	mm	kg	mm	
B25161L0010O001	3.6	0.1	100	470	524	115	200	200	100	M12	180	20	300	Brown
B25161L0012O000	3.6	0.125	100	470	524	115	200	200	100	M12	180	20	300	Brown
B25161C0025O000	3.6	0.25	40	343	397	115	200	165	100	M12	115	16	180	Brown
B25161C0050O000	3.6	0.5	20	343	397	115	300	165	100	M12	115	22	180	Brown
B25161L0010O001	7.2	0.1	100	470	524	115	200	200	100	M12	180	20	300	Brown
B25161L0012O000	7.2	0.125	100	470	524	115	200	200	100	M12	180	20	300	Brown
B25161G0025O000	7.2	0.25	40	390	444	115	250	165	100	M12	140	21	180	Brown
B25161G0050O000	7.2	0.5	10	390	444	115	325	165	100	M12	140	26	180	Brown
B25161L0010O001	12	0.1	100	470	524	115	200	200	100	M12	180	20	300	Brown
B25161L0012O000	12	0.125	100	470	524	115	200	200	100	M12	180	20	300	Brown
B25161L0025O000	12	0.25	20	470	524	115	300	200	100	M12	180	28	300	Brown
B25161L0050O000	12	0.5	5	470	524	115	400	200	200	M12	180	36	300	Brown
B25161P0025O002	18	0.25	10	570	624	115	350	225	100	M16	230	38	380	Brown

* Voltage rating indicates the highest permissible system voltage

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