



Film Capacitors – MV Capacitors

1-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

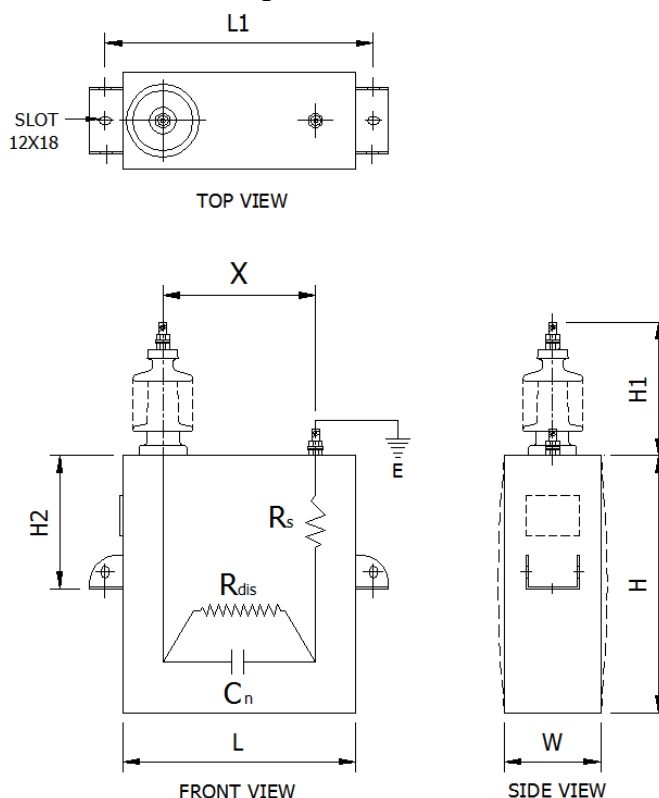
Features

- 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

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	
B25161L0010M000	3.6	0.1	100	200	254	115	175	200	50	M12	100	9	300	Brown
B25161L0012M000	3.6	0.125	100	200	254	115	175	200	50	M12	100	9	300	Brown
B25161C0025M000	3.6	0.25	40	175	230	115	125	165	50	M12	85	6	180	Brown
B25161C0050M000	3.6	0.5	20	175	230	115	175	165	50	M12	85	8	180	Brown
B25161L0010M000	7.2	0.1	100	200	254	115	175	200	50	M12	100	9	300	Brown
B25161L0012M000	7.2	0.125	100	200	254	115	175	200	50	M12	100	9	300	Brown
B25161G0025M000	7.2	0.25	40	175	230	115	175	165	50	M12	85	8	180	Brown
B25161G0050M000	7.2	0.5	10	250	304	115	200	165	100	M12	150	11	180	Brown
B25161L0010M000	12	0.1	100	200	254	115	175	200	50	M12	100	9	300	Brown
B25161L0012M000	12	0.125	100	200	254	115	175	200	50	M12	100	9	300	Brown
B25161L0025M000	12	0.25	20	250	304	115	225	200	100	M12	150	12	300	Brown
B25161L0050M000	12	0.5	5	343	397	115	225	200	100	M12	230	15	300	Brown
B25161P0010M000	18	0.1	40	250	304	115	200	225	100	M16	150	11	380	Brown
B25161P0012M000	18	0.125	40	250	304	115	200	225	100	M16	150	11	380	Brown
B25161P0025M000	18	0.25	10	250	304	115	275	225	100	M16	150	14	380	Brown
B25161P0050M000	18	0.5	5	343	397	115	325	225	100	M16	230	21	380	Brown
B25161S0010M000	36	0.1	--	250	304	120	400	360	200	M16	150	22	760	Grey
B25161S0012M000	36	0.125	--	250	304	120	400	360	200	M16	150	22	760	Grey
B25161S0025M000	36	0.25	--	350	404	120	475	360	200	M16	230	32	760	Grey
B25161S0050M000	36	0.5	--	350	404	160	625	360	200	M16	230	52	760	Grey
B25161T0010M000	40	0.1	--	250	304	120	400	470	200	M16	150	22	1320	Grey
B25161T0012M000	40	0.125	--	250	304	120	475	470	200	M16	150	25	1320	Grey
B25161T0025M000	40	0.25	--	350	404	120	550	470	200	M16	230	37	1320	Grey
B25161T0050M000	40	0.5	--	350	404	185	675	470	200	M16	230	63	1320	Grey

* Voltage rating indicates the highest permissible system voltage

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