



# FUSE CUTOUT



### APPLICATION

The primary purpose of any Cut-out Fuse is to provide protection to the lines of your system and the various apparatus on those lines such as transformers and capacitor banks. Cutout fuse provide reliable protection from low-level overloads that just melt the fuse link, intermediate faults, and very high faults, through maximum interrupting capacity.

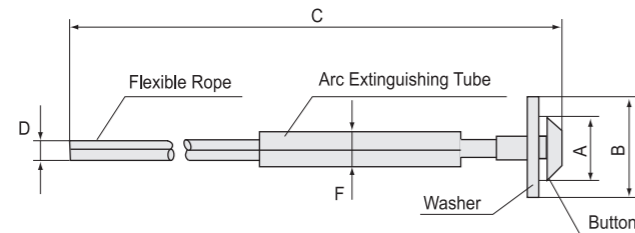
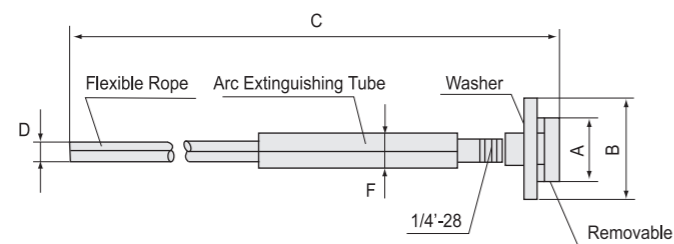
### Technical Data:

Type	Rated Voltage	Rated Current	Breaking Current	Impulse Voltage	Power-frequency withstand voltage	Leakage distance
	(kV)	(A)	(BIL)	(kV)	(mm)	(kg)
SM-1	12	100	6.3	110	40	250
SM-1	12	200	8	110	40	250
SM-2	15	100	10	125	45	320
SM-2	15	200	12	125	45	320
SM-3	24	100	8	150	65	530
SM-3	24	200	10	150	65	530
SM-4	15	100	10	125	45	350
SM-4	15	200	12	125	45	350
SM-5	12	100	6.3	110	40	250
SM-5	12	200	8	110	40	250
SM-6	15	100	10	125	45	320
SM-6	15	200	12	125	45	320
SM-7	24	100	8	150	65	540
SM-7	24	200	10	150	65	540
SM-7(F)	33	200	12	170	70	720
SM-8	33	100	10	170	70	720
SM-8	33	200	12	170	70	720

**EXPULSION FUSE LINK**

**Technical Specification**

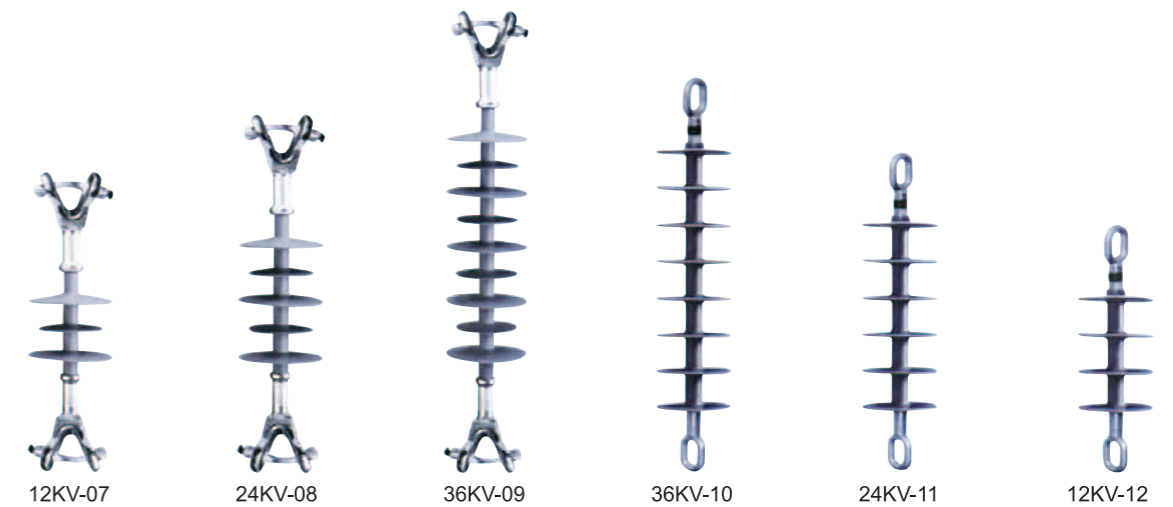
- Expulsion fuse link for fuse cutout
- Rated voltage: 11KV-36KV
- Rated current: 1A-200A
- Rate of melting: Class K & Class T

**Outline Dimension**

**FIXED BUTTON TYPE**

**REMOVABLE TYPE**

Rated current (A)	Dimension(mm)				
	A	B	C	D	F
1 to 25	12.5± 0.2	19.0± 0.2	533	2.0	6.5
30 to 40	12.5± 0.2	19.0± 0.2	533	3.0	8.0
50 to 100	19.0± 0.3	(Not applicable)	533	5.0	10.0

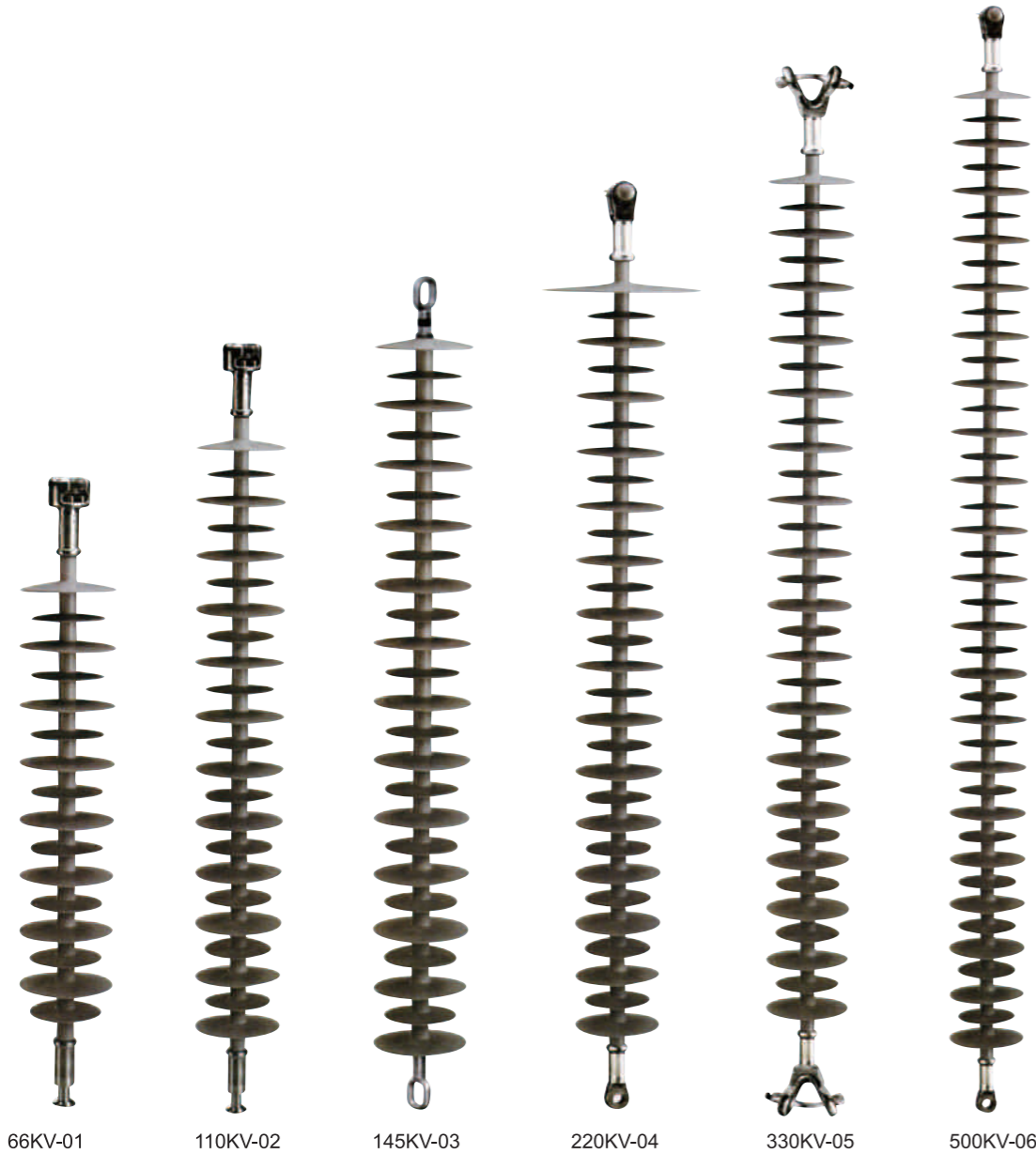
**SUSPENSION COMPOSITE INSULATOR**


Type	Rated voltage (KV)	Specified mechanical load	Section length (mm)	Min Arc distance (mm)	Leakage distance (mm)	Lightning impulse withstand BIL(KV)	Power frequency withstand (wet) (KV)
FXBW4-12/70	12	70	350	180	400	95	45
FXBW4-24/70	24	70	550	370	850	185	95
FXBW4-24/100	24	100	570	370	850	185	95
FXBW4-35/70	36	70	650	450	1000	230	105
FXBW4-35/100	36	100	670	450	1000	230	105

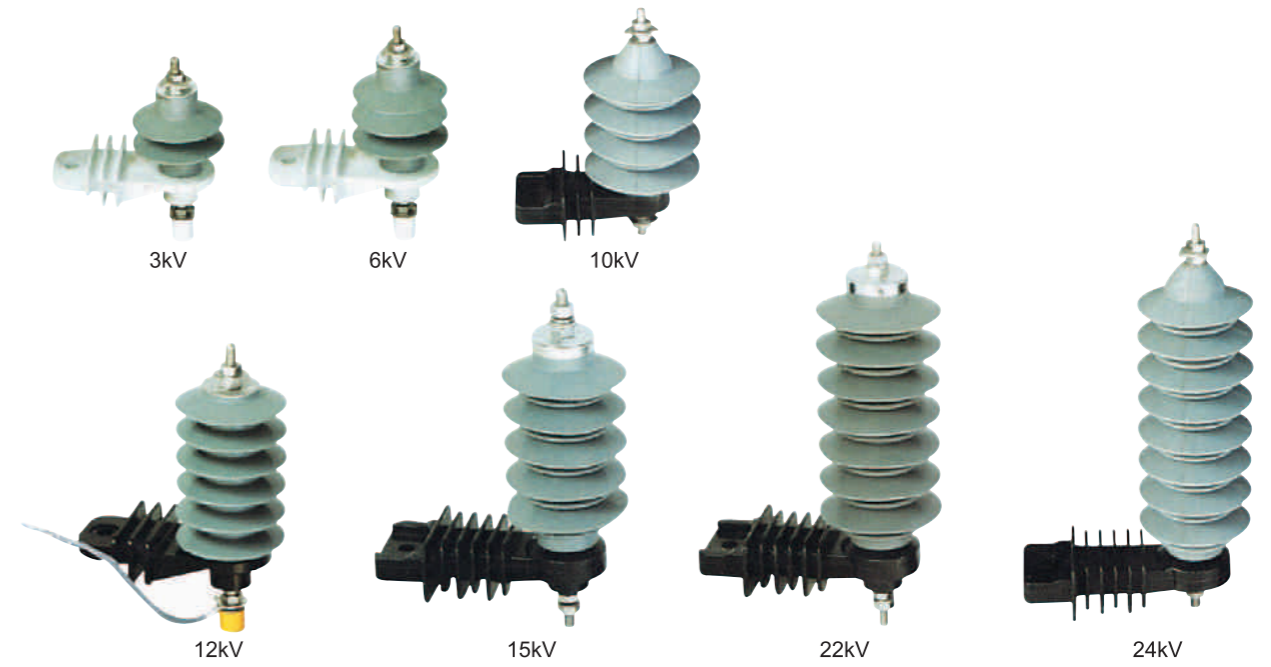


Type	Rated voltage (KV)	Specified mechanical load	Section length (mm)	Min Arc distance (mm)	Leakage distance (mm)	Lightning impulse withstand BIL(KV)	Power frequency withstand (wet) (KV)
FXYW4-12/70	12	70	350	180	400	95	45
FXYW4-24/70	24	70	550	370	850	185	95
FXYW4-24/100	24	100	570	370	850	185	95
FXYW4-35/70	36	70	650	450	1000	230	105
FXYW4-35/100	36	100	670	450	1000	230	105

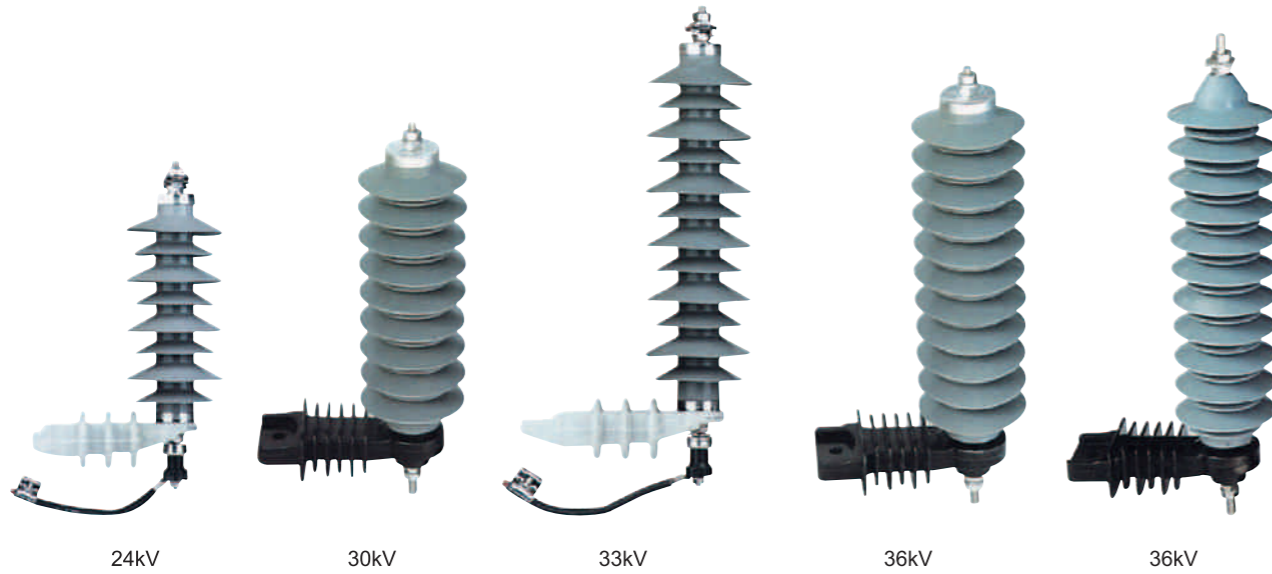
SUSPENSION COMPOSITE INSULATOR



Type	Rated voltage (KV)	Specified mechanical load	Section length (mm)	Min Arc distance (mm)	Leakage distance (mm)	Lightning impulse withstand BIL(KV)	Power frequency withstand (wet) (KV)
FPBW4-66/70	66	70	900	710	1980	410	185
FPBW4-66/100	66	100	940	710	1980	410	185
FPBW4-110/100	110	100	1240	1000	3315	550	230
FPBW4-145/120	145	120	1480	1240	4123	725	355
FPBW4-220/100	220	100	2240	1900	6300	1000	395
FPBW4-220/160	220	160	2240	1900	6300	1000	395
FPBW4-330/100	330	100	2990	2600	9075	1425	570
FPBW4-330/160	330	160	2990	2600	9075	1425	570
FPBW4-500/160	500	160	4080	3730	12750	2250	740



Type	MOA Rated voltage kV(rms)	MCOV kV(rms)	Current impulse Residual Voltage			2ms Rectangular current impulse withstand A(crest)	4/10µ s High current impulse withstand kA(crest)
			1/4µ s Lightning current impulse kV(crest)	8/20µ s Lightning current impulse kV(crest)	30/60µ s Switching current impulse kV(crest)		
YH5W-3	3	2.55	11.3	9	8.9	150	65
YH5W-6	6	5.1	22.6	18	16.8	150	65
YH5W-9	9	7.65	33.7	27	23.8	150	65
YH5W-10	10	8.4	36	30	23	150	65
YH5W-11	11	9.4	40	33	30	150	65
YH5W-12	12	10.2	42.2	36	27	150	65
YH5W-15	15	12.7	51	45	38.5	150	65
YH5W-18	18	15.3	61.5	54	46.2	150	65
YH5W-21	21	17.0	71.8	63	54.2	150	65
YH5W-24	24	19.5	82	72	62	150	65
YH5W-27	27	22.0	92	81	69.8	150	65
YH5W-30	30	24.4	102	90	79	150	65
YH5W-33	33	27.5	112	99	86.7	150	65
YH5W-36	36	29.0	123	108	92.4	150	65



Type	MOA Rated voltage	MCOV	Current impulse residual voltage			2ms Rectangular current impulse withstand	4/10μ s High current impulse withstand
			1/4μ s Lightning current impulse	8/20μ s Lightning current impulse	30/60μ s Switching current impulse		
	kV(rms)	kV(rms)	kV(crest)	kV(crest)	kV(crest)	A(crest)	kA(crest)
YH10W-3	3	2.55	11.3	9	8.9	250	100
YH10W-6	6	5.1	22.6	18	16.8	250	100
YH10W-9	9	7.65	33.7	27	23.8	250	100
YH10W-10	10	8.4	36	30	23	250	100
YH10W-11	11	9.4	40	33	30	250	100
YH10W-12	12	10.2	42.2	36	27	250	100
YH10W-15	15	12.7	51	45	38.5	250	100
YH10W-18	18	15.3	61.5	54	46.2	250	100
YH10W-21	21	17.0	71.8	63	54.2	250	100
YH10W-24	24	19.5	82	72	62	250	100
YH10W-27	27	22.0	92	81	69.8	250	100
YH10W-30	30	24.4	102	90	79	250	100
YH10W-33	33	27.5	112	99	86.7	250	100
YH10W-36	36	29.0	123	108	92.4	250	100

# MAJOR ENDUSER

