

MV Fuses **PRW1** Drop-out Fuse

- Outdoor drop type fuses are suitable for 35kV and below voltage and frequency 50Hz power systems, used for overload and short circuit protection of transmission lines and power transformers, and for breaking and closing rated load current.

The drop type fuse consists of an insulation bracket and a fuse tube, with static contacts installed at both ends of the insulation bracket and dynamic contacts installed at both ends of the fuse tube. The fuse tube consists of an inner arc extinguishing tube and an outer phenolic paper tube or epoxy glass cloth tube.

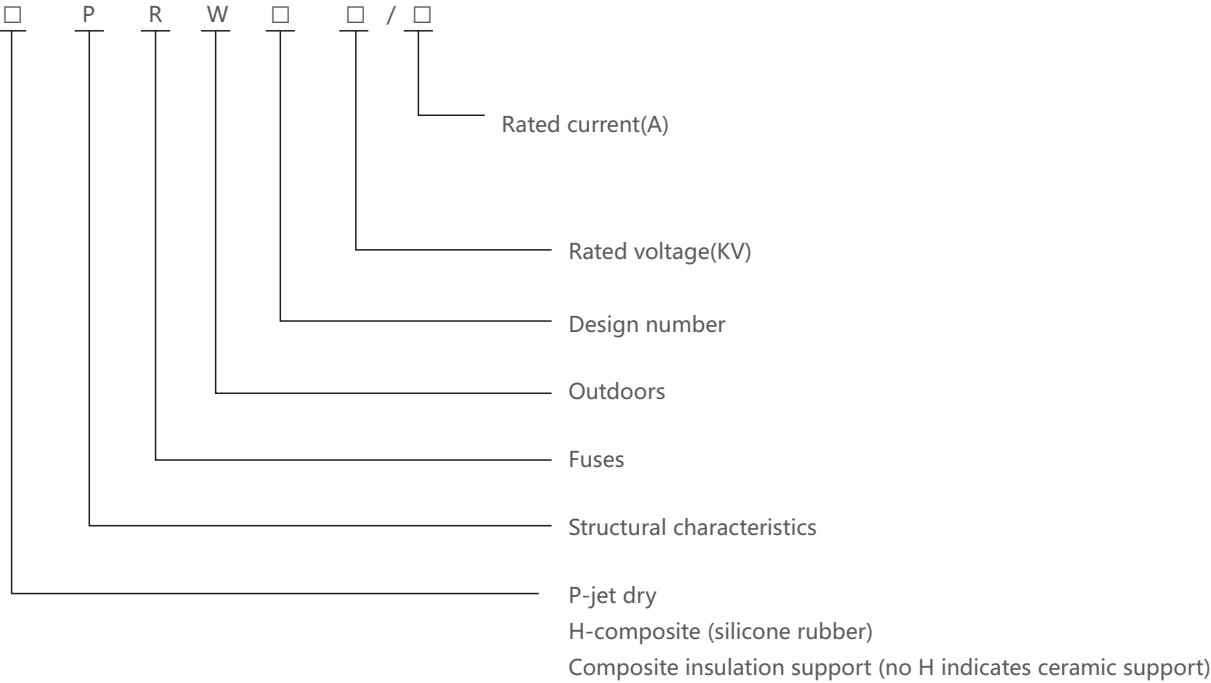
General



MV Fuses

PRW1 Drop-out Fuse

Selection



Operating conditions

1. Suitable for environments with an upper limit of 40 °C and a lower limit of -30 °C.
2. Altitude not exceeding 1000m, wind speed not exceeding 35m/s
3. Fuses are not suitable for the following locations
- 3.1 Places with fuel or explosion hazards.
- 3.2 Places with severe vibration or impact.
- 3.3 Areas with abnormal electrochemical gas effects and severe air pollution and smoke

MV Fuses

PRW1 Drop-out Fuse

Technical data parameter of porcelain housed fuse

Type	Rated voltage (kV)	Rated current (A)	Breaking current (A)	Impulse voltage (kV)	Power frequency withstand voltage (kV)	Creepage distance (mm)	Weight (kg)	Dimension (cm)
PRW1-11	11	100	10000	110	40	250	7.2	38.5×34.5×10.5
	11	200	12000	110	40	250	7.4	38.5×34.5×10.5
PRW1-15	15	100	10000	125	45	350	10	50×36×11
	15	200	12000	125	45	350	10	50×36×11
PRW1-24	24	100	10000	150	65	540	12	51×35×14
	24	200	12000	150	65	540	12	51×35×14
PRW1-27	27	100	10000	170	70	700	15	51×38×14.5
	27	200	12000	170	70	700	15	51×38×14.5
PRW1-33	33	100	10000	170	80	700	15	51×38×14.5
	33	200	12000	170	80	700	15	51×38×14.5
PRW1-36	36	100	10000	170	80	720	16	66×38×14.5
	36	200	12000	170	80	720	16	66×38×14.5
PRW2-11	11	100	10000	110	40	250	7.2	38.5×34.5×10.5
	11	200	12000	110	40	250	7.4	38.5×34.5×10.5
PRW2-15	15	100	10000	125	45	350	10	50×36×11
	15	200	12000	125	45	350	10	50×36×11
PRW2-24	24	100	10000	150	65	540	12	51×35×14
	24	200	12000	150	65	540	12	51×35×14
PRW2-27	27	100	10000	170	70	700	15	51×38×14.5
	27	200	12000	170	70	700	15	51×38×14.5
PRW2-33	33	100	10000	170	80	700	15	51×38×14.5
	33	200	12000	170	80	700	15	51×38×14.5
PRW2-36	36	100	10000	170	80	720	16	66×38×14.5
	36	200	12000	170	80	720	16	66×38×14.5

MV Fuses

PRW1 Drop-out Fuse

Main technical parameter of porcelain housed fuse

Type	Rated voltage (kV)	Rated current (A)	Breaking current (A)	Impulse voltage (kV)	Power frequency withstand voltage (kV)	Creepage distance (mm)	Weight (kg)	Dimension (cm)
PRW10-11	11	100	10000	110	40	250	7.4	36×34.5×11
	11	200	12000	110	40	250	7.4	36×34.5×11
PRW10-15	15	100	10000	125	45	350	10.0	48×34.5×11
	15	200	12000	125	45	350	10.5	48×34.5×11
PRW10-24	24	100	10000	150	65	540	12.0	49×38×14.5
	24	200	12000	150	65	540	12.5	49×38×14.5
PRW10-27	27	100	10000	170	70	700	15.0	51×38×14.5
	27	200	12000	170	70	700	15.0	51×38×14.5
PRW10-33	33	100	10000	170	70	700	15.0	58×38×14.5
	33	200	12000	170	70	700	15.5	58×38×14.5
PRW10-36	36	100	10000	170	80	720	16.0	65×38×14.5
	36	200	12000	170	80	720	16.5	65×38×14.5
HPRW10-11	11	100	10000	110	40	250	7.4	36×34.5×11
	11	200	12000	110	40	250	7.4	36×34.5×11
HPRW10-15	15	100	10000	125	45	350	10.0	48×34.5×11
	15	200	12000	125	45	350	10.5	48×34.5×11
HPRW10-24	24	100	10000	150	65	540	12.0	49×38×14.5
	24	200	12000	150	65	540	12.5	49×38×14.5
HPRW10-27	27	100	10000	170	70	700	15.0	51×38×14.5
	27	200	12000	170	70	700	15.0	51×38×14.5
HPRW10-33	33	100	10000	170	70	700	15.0	58×38×14.5
	33	200	12000	170	70	700	15.5	58×38×14.5
HPRW10-36	36	100	10000	170	80	720	16.0	65×38×14.5
	36	200	12000	170	80	720	16.5	65×38×14.5

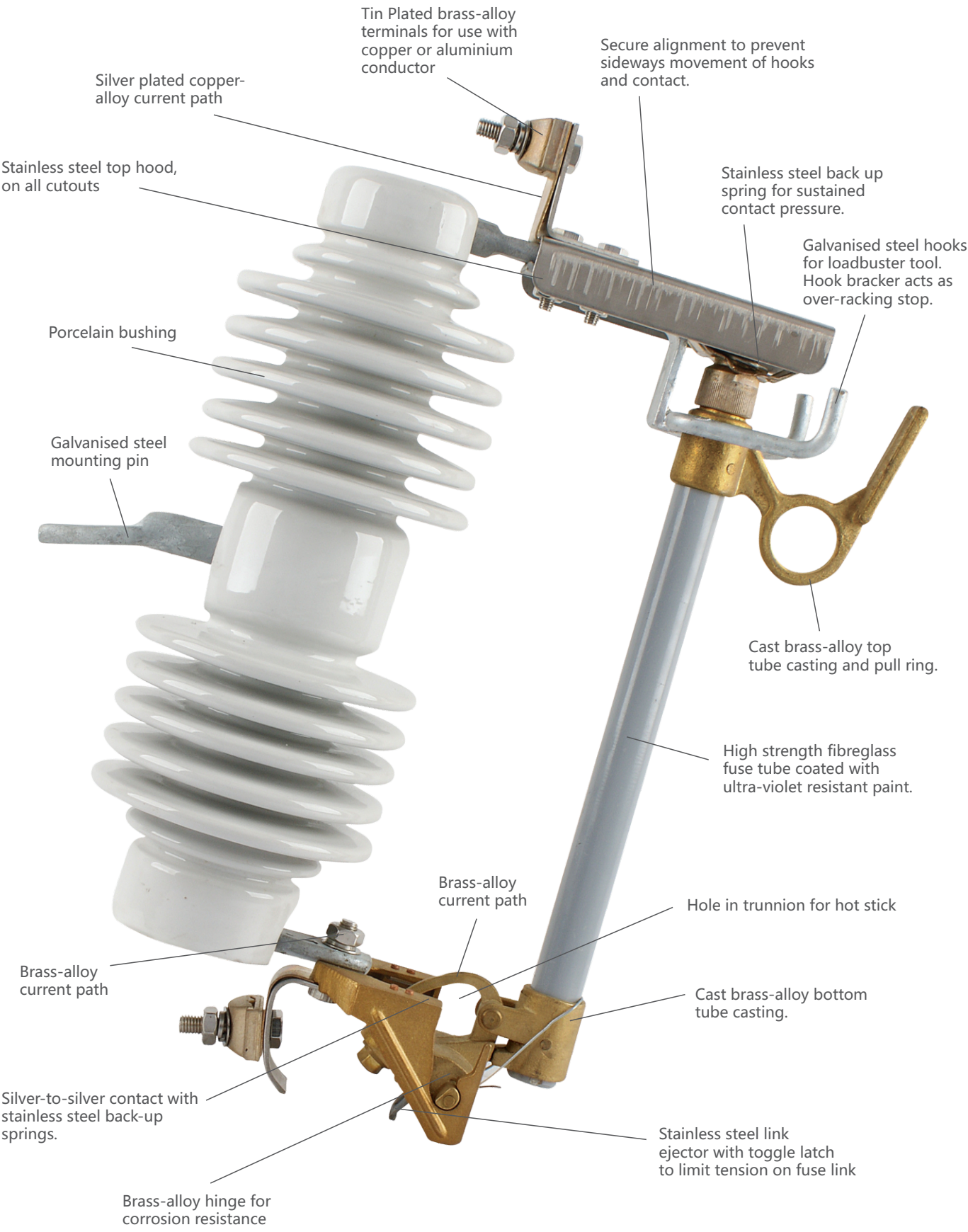
MV Fuses

PRW1 Drop-out Fuse

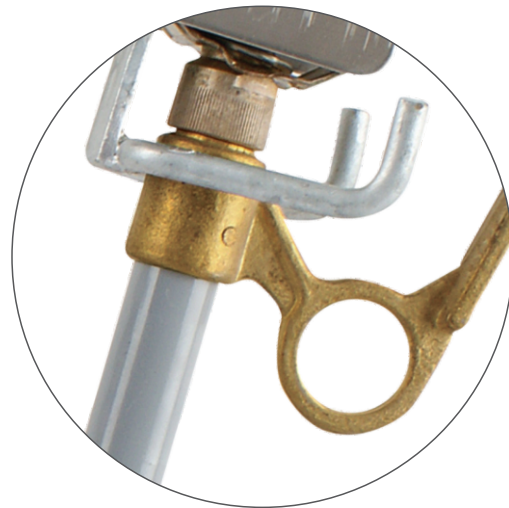
Main technical parameter of polymer housed fuse

Type	Rated voltage (kV)	Rated current (A)	Breaking current (A)	Impulse voltage (kV)	Power frequency withstand voltage (kV)	Creepage distance (mm)	Weight (kg)	Dimension (cm)
HPRW1-11	11	100	10000	110	40	250	6.5	38.5×34.5×10.5
	11	200	12000	110	40	250	6.8	38.5×34.5×10.5
HPRW1-15	15	100	10000	150	45	390	7.2	50×36×10.5
	15	200	12000	150	45	390	7.4	50×36×10.5
HPRW1-24	24	100	10000	150	65	560	8.0	49×36×14
	24	200	12000	150	65	560	8.5	49×36×14
HPRW1-27	27	100	10000	170	70	740	9.0	51×36×14
	27	200	12000	170	70	740	9.5	51×36×14
HPRW1-33	33	100	10000	170	80	740	10.0	57×36×14
	33	200	12000	170	80	740	10.5	57×36×14
HPRW1-36	36	100	10000	180	80	820	12.0	66×36×14
	36	200	12000	180	80	820	12.5	66×36×14
HPRW2-11	11	100	10000	110	40	250	6.5	38.5×34.5×10.5
	11	200	12000	110	40	250	6.8	38.5×34.5×10.5
HPRW2-15	15	100	10000	150	45	390	7.2	50×36×10.5
	15	200	12000	150	45	390	7.4	50×36×10.5
HPRW2-24	24	100	10000	150	65	560	8.0	49×36×14
	24	200	12000	150	65	560	8.5	49×36×14
HPRW2-27	27	100	10000	170	70	740	9.0	51×36×14
	27	200	12000	170	70	740	9.5	51×36×14
HPRW2-33	33	100	10000	170	80	740	10.0	57×36×14
	33	200	12000	170	80	740	10.5	57×36×14
HPRW2-36	36	100	10000	180	80	820	12.0	66×36×14
	36	200	12000	180	80	820	12.5	66×36×14

MV Fuses
PRW Drop-out Fuse

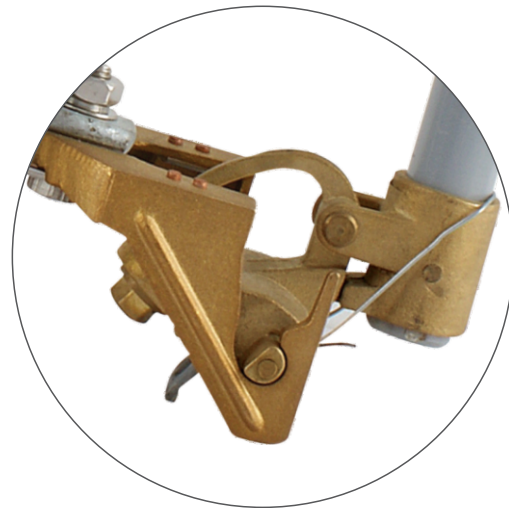


MV Fuses
PRW Drop-out Fuse



Mechanical assist

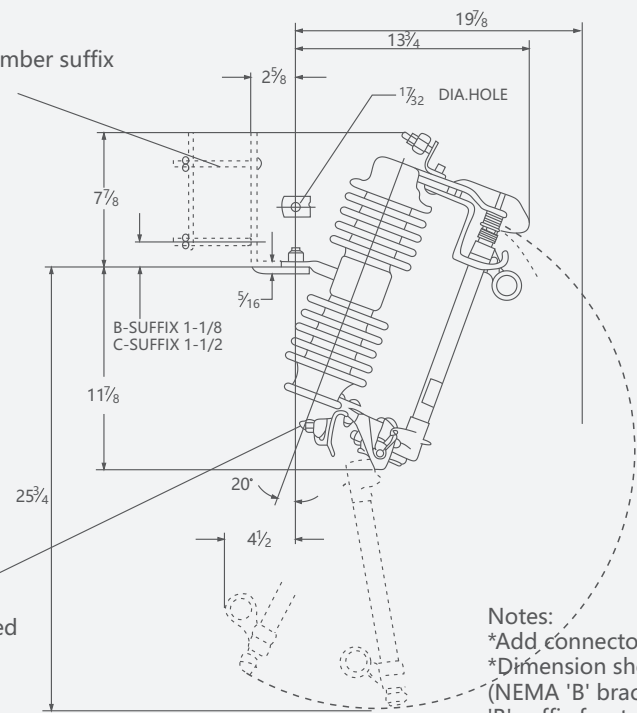
Fuse holder is available with a torsional spring on trunnion to aid drop out operation in corrosive environments.



Large nut to fasten fuselink without breaking strands

Overall and mounting dimensions(mm)

Mounting bracket. Adjustable
For 3" x4" to 4" x5" cross arm.
Furnished only when catalogue number suffix "B" or "C" is specified



Optional parallel groove connector shown furnished only when catalogue number Suffix "D" is specified