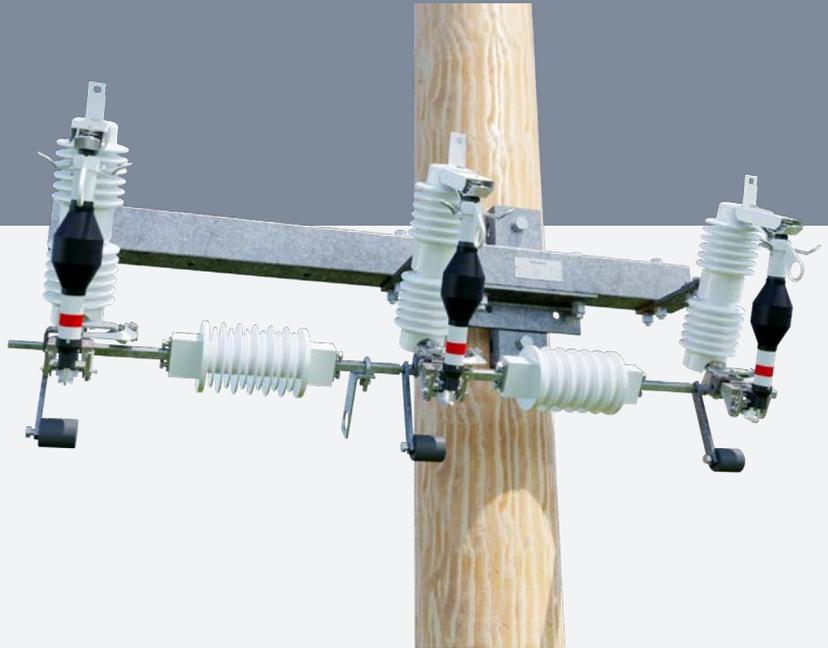# Electronic Sectionaliser

Sectolink
12kV, 24kV, 36kV

Electronic Sectionalisers have been developed for usage on overhead distribution lines to eliminate transient faults. They are typically used in conjunction with a recloser and replace the traditional dropout fuse protection.

12, 24, 36kV voltage rating

Available in two sizes of 12/24kV and 36kV with pickup current ratings from 8A up to 400A.

Simple customisation

The sectionaliser performance settings can be manually adjusted with ease.

Various mounting options

Single, double or three pole ganged mounts available with hotstick operation.

One EDO size fits all

Fits standard single venting 150kV BIL and 170kV BIL EDO mounts.

Features

LOW OR HIGH CURRENT
The sectionaliser suits installation in low and high current applications such as SWER lines or rural locations.

RECLAIM TIME
With fully customized reclaim time, the sectionaliser can be programmed at time of manufacture to suit any network and recloser protection requirements

GANGED OPERATION
Our custom design two and three phase mounts include a fully ganged operation ensuring sectionaliser dropout of all 3 phases and reducing any ferro-resonance problems.

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Technical Specifications

		High Current Model		Low Current Model	
Rated Voltage	kV	12/24	36	12/24	36
Lighting Impulse	kV BIL	125/150	170	125/150	170
Frequency	Hz	50/60	50/60	50/60	50/60
Max. continuous current rating	A	250	250	24	24
Pick up current rating	A	20 - 400	20 - 400	8 - 24	8 - 24
Short time current, 1 s (rms value)	kA	10	10	2	2
Programmable counts	#	1, 2, or 3	1, 2, or 3	1, 2, or 3	1, 2, or 3
Reclaim time	#	25, 30, 125, or 180	25, 30, 125, or 180	25, 30, 125, or 180	25, 30, 125, or 180
Sensitivity of pick up current	%	+/- 10	+/- 10	+/- 10	+/- 10

Selection Table

Sect No.		01	02	03	04	05	06	07	08	09	10	11	12	13
Position of Switches 1 2 3 4	# of Counts													
OFF / ON	1	8	32	20	40	10	60	100	100	250	24	112	20	40
OFF / ON	2	8	32	20	40	10	60	100	100	250	24	112	20	40
OFF / ON	3	8	32	20	40	10	60	100	100	250	24	112	20	40
OFF / ON	1	16	40	40	56	12	80	120	150	300	40	160	25	56
OFF / ON	2	16	40	40	56	12	80	120	150	300	40	160	25	56
OFF / ON	3	16	40	40	56	12	80	120	150	300	40	160	25	56
OFF / ON	1	20	50	50	80	16	100	140	200	350	56	224	30	80
OFF / ON	2	20	50	50	80	16	100	140	200	350	56	224	30	80
OFF / ON	3	20	50	50	80	16	100	140	200	350	56	224	30	80
OFF / ON	1	24	64	60	112	20	130	160	250	400	64	320	36	112
OFF / ON	2	24	64	60	112	20	130	160	250	400	64	320	36	112
OFF / ON	3	24	64	60	112	20	130	160	250	400	64	320	36	112

Number of count setting.

Current setting. Attention should be paid to the direction of the "ON" position.

Indicates the default factory settings.

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Certified System
Quality
ISO 9001

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