

27kV Automatic Circuit Recloser (ACR)



Compliant with IEC international power equipment standards

Heavy-duty pole-mounted design for 27kV outdoor grids
Precise fault isolation with three-phase simultaneous breaking
Intelligent multi-protocol communication for remote automation
High breaking capacity for smart & new-energy power distribution



Customized manufacturing available
Complete solutions for design, assembly & testing
Reliable solutions for safety & stability
Wide range offering, easy business and convenient installation

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Rated Voltage	15.5kV				27kV				38kV					
Frequency	50/60HZ													
Rated Continuous Current (I _r /A)	63 0	80 0	63 0	80 0	63 0	80 0	63 0	80 0	63 0	80 0	63 0	80 0	63 0	80 0
Rated Duration of Short-Circuit (T _k /s)	3													
Rated Short-Circuit Making Current (I _{sc} /kA)	12.5		16		12.5		16		12.5		16			
Rated Short-Circuit Breaking Current (I _{ma} /kA)	31.5		40		31.5		40		31.5		40			
Rated Lightning Impulse Withstand Voltage (U _p /kV)	110				130				170					
Rated Short-Duration Power-Frequency Withstand Voltage (U _d /kV)	50				60				70					
Impedance Between Connections (μΩ)	60													
Creepage Distance Phase-to-Earth (mm)	960				1080				1290					
Clearance Phase-to-Phas	320													

e (mm)			
Minimum Clearance Phase-to-Earth (mm)	270		350
Weight (kg)	130	130	148
Line Charging Current (A)	2		5
Cable Charging Current (A)	10	25	40
Max. Interrupting Time / Max. Closing Time (ms)	40/60		

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