

OSM AUTOMATIC CIRCUIT RECLOSER

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Electrical Reclosers for systems from 15.5 to 38 kV. Vacuum electric arc extinguishing medium, solid dielectric internal insulation and external insulation with silicone rubber bushings, for very high contamination levels, installation on a pole or substation, with electronic control model RC-10ES according to the CFE VH000-11 specification. EPRECSA-NOJA Power. Manufactured in Mexico.			
Short Description	OSM15-16-800, 310 Series	OSM27-12.5-800, 310 Series	OSM38-16-800, 300 Series
Service type	Outdoor	Outdoor	Outdoor
Phases	3	3	3
Extinguishing medium	Vacuum	Vacuum	Vacuum
Insulating medium	Solid dielectric	Solid dielectric	Solid dielectric
Operation mode	Local and Remote	Local and Remote	Local and Remote
Current measurement	3 x Current transformers	3 x Current transformers	3 x Current transformers
Voltage measurement	6 x Voltage sensors	6 x Voltage sensors	6 x Voltage sensors
Maximum voltage design (kV)	15.5	27	38
Lightning impulse withstand voltage, 1.2/50 μ s kV (peak)	110	150	200
Withstand voltage at 60Hz, 1 min dry, (effective kV).	50	60	70
Withstand voltage at 60Hz, 10 s, wet (effective kV).	45	50	60
Nominal current (A)	800	800	800
Fault make capacity RMS (A)	Up to 16,000	Up to 12,500	Up to 16,000
Operating frequency (Hz)	50 or 60	50 or 60	50 or 60
Full load mechanical operations	30,000	30,000	30,000
Fault break capacity operations	70	140	1400
Humidity (%)	0 to 95	0 to 95	0 to 95
Temperature (°C)	-40 to +55	-40 to +55	-40 to +55
Operating altitude (m.a.s.l.)	Up to 3000	Up to 3000	Up to 3000
Tank mass (kg)	105	112	140

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