

Product data sheet

Specifications



Cubicle, MCSet 17,5kV, up to 17,5kV, 31,5kA, 2500A, coupler right or left SF6 or vacuum CB 900mm

MCSET_AD3_EZP

Main

Range of product	MCSet
Standards	IEC 62271-200
Device short name	AD3
Function available	Incomer or feeder
Product or component type	Cubicle
Technology type	Air insulated switchgear
Type of installation	Indoor installation
Loss of service continuity category	LSC2B
Partition class	PM
IP degree of protection	IP31 IP32 IP41 IP42
Rated voltage (Ur)	17.5 kV
Rated frequency (fr)	50/60 Hz
Circuit breaker name	Easypact EXE
Rated short-duration power-frequency withstand voltage [Ud]	42 kV rms
Rated lightning impulse withstand voltage (Up)	95 kV peak
Bus rated current	4000 A
[Ir] Rated current	2500 A
Rated short-time withstand current (Ik)	31.5 kA rms
Peak current	82 kA
Internal arc classification	A-FLR
Internal arc protection	31.5 kA 1 s

Complementary

Electrical connection	Cable - 1 x 50...8 x 630 mm² single core per phase Cable - 1 x 50...4 x 240 mm² three core per phase
Signalling function	Voltage indication VPIS

Additional device type	Protection relay SEPAM Protection relay micom Protection relay Easergy P3 Protection relay Easergy P5 Power meter Rack-in motor Earthing switch motor
Monitoring function	Pollution monitoring Thermal monitoring
Environmental monitoring	Yes CL110
Arc fault detector option	Yes - vamp (ordered separately) Yes - Easergy P5 (ordered separately)
Product weight	1300 kg
Height	2300 mm 2700 mm
Width	900 mm
Depth	1550 mm 1725 mm 2000 mm 2275 mm
Product certifications	GOST Marine Seismic

Environment

Ambient air temperature for operation	-5...40 °C
Operating altitude	<= 1000 m

Contractual warranty

Warranty	12 months
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Recommended replacement(s)