

Range of switchgear by MOSELECTRO

Parameters	K-105	K-125	K-128	K-129	K-130	K-131	K-132	
Rated voltage, kV	6-10	6-10	6-10	6-10	35	20	6-10	
Busbar rated current, A	4000	1000	1000-4000	1000-4000	1000-2500	1000-3150	630-1600	
Main circuit rated current, A	4000	630-1000	630-4000	630-4000	630-2500	630-3150	630-1600	
Rated breaking current, A	3AH 38 4000	20	20-50	20-40	16-31,5	16-25	20; 25	
Rated thermal current, kA	50	20	20-50	20-40	16-31,5	16-25	20; 25	
Short-time electrodynamic current, kA	128	51	51-128	51-102	40-81	40-64	51; 64	
Busbar location	Low	Middle	Low	Top	Low	Top	Top	
Maintenance	Double-sided	Double-sided	Double-sided	Single-sided/ Double-sided	Single-sided/ Double-sided	Single-sided/ Double-sided	Single-sided/ Double-sided	
Number of connections per cabinet	One	Two	One	One	One	One	One	
Dimensions, mm								
	Width	1250	750	750-1125	750-1000	1200-1500	800-1000	650-750
	Depth	1720	1400	1265-1560	1415-1590	2165	1700	1000
	Height	2280-3042	2330	2230-2280	2355	2500	2362	2090

Range of busbars and busducts by MOSELECTRO

Parameters	TENE, TENP	TZK, TZK(A), TZKR	TZP	ShZK	RBC-Effibar	
Insulation type	air	air	air	air	polymer	
Busbar description	Insulated-phase generator voltage busbar with natural – E (forced – P) ventilation	Enclosed busbar (K-round)	Enclosed busbar (P-rectangular)	Enclosed busduct	Enclosed busduct	
Number of phases (section shape)	Single-phase	Three-phase	Three phases + neutral (N), enclosure – protective earth (PE)	Three-phase	Three phases + neutral (N), protective earth (PE)	
Rated voltage, kV	10; 20; 24; 35	1; 3; 6; 10; 20	1 кВ	6; 10; 20	0,4; 1,2	До 1
Rated current, A	1 600 - 33 000	1600-4000	1600-3150	1250-4000	1 600 – 5 000	250 – 6300
Short-time electrodynamic current, kA	128 – 900	81 – 180	51-81	64 – 161	51 – 128	51 – 262
Rated thermal current, kA	50 - 360	31,5 - 70	31,5	25 - 63	20 - 50	20 - 120
Climatic version	UKhL, T	UKhL, T	UKhL	UKhL	U; T	U; T
Protection rating	IP54	IP54	IP54	IP32-54	IP54	До IP68
Busbar material	Aluminum	Aluminum	Aluminum	Copper/ Aluminum	Aluminum	Copper / Aluminum
Enclosure material	Aluminum	Aluminum /Steel	Aluminum	Aluminum / Steel	Aluminum / Steel	Aluminum
Shield diameter (outside), mm	361-1362	550-890	540	680(1500)x345(520)	361-453	250(420)x250(350)

Range of mobile modular substations by MOSELECTRO

MMSS
✓ MMSS 145/24/12 kV, capacity 25 MVA
✓ MMSS 40/12(6) kV
✓ Mobile modular substations 20/0.4 kV
✓ Mobile modular substations 12/0.4 kV