

NM8NSD Switch Disconnecter		125	250	400	800	1600
NM8NSD Switch Disconnecter I <sub>th</sub> (A),40°C		125	250	400	800	1600
Number of poles		2P 3P 4P	2P 3P 4P	3P 4P	3P 4P	3P 4P
Rated operational current I <sub>e</sub> (A)		125	250	400	800	800-1000-1250-1600
Rated operational voltage U <sub>e</sub> (V)	AC (50/60Hz)	690	690	690	690	415/690
	DC	500 750 1000	500 750 1000	750 1000	750 1000	750 1500
Rated insulation voltage U <sub>i</sub> (V)		1000	1000	1000	1250	AC : 1000 DC : 1500
Rated impulse withstand voltage U <sub>imp</sub> (kV)		8	8	12	12	12
Rated short-circuit making capacity I <sub>cm</sub> (kA)		3.2(AC)/2(DC)	5(AC)/3.2(DC)	8(AC)/5(DC)	14	40(AC)/19.2(DC)
Rated short-time withstand current I <sub>cw</sub> (kA)	1s	2	3.2	5	8/10	20(AC)/19.2(DC)
	3s	2	3.2	5	8/10	20
Standard		IEC/EN 60947-3 , GB/T 14048.3				
Utilization category		AC-22A/AC-23A DC-22A/DC-23A	AC-22A/AC-23A DC-22A/DC-23A	AC-22A/AC-23A DC-22A/DC-23A	AC-22A/AC-23A DC-22A/DC-23A	AC-22A/AC-23A DC-22A/DC-22B
Safety of insulation		■	■	■	■	■
Ambient temperature		-40°C ~ +70°C				
Arcing distance		0	0	0	0	0
Mechanical life (CO recycle)	Maintenance free	15000	15000	15000	10000	6000
	AC415V,In	8000	6000	4000	2000	1000
Electrical life (CO recycle)	AC690V,In	2000	1500	1500	1000	1000
	DC1000V,In	2000	1500	1500	1000	1000
Mounting and connection						
Fixed	Front connection	■	■	■	—	■
	Rear connection	■	■	■	■	■
Plug-in <sup>1)</sup>	Front connection	■	■	■	—	—
	Rear connection	■	■	■	—	—
Draw-out <sup>1)</sup>	Front connection	—	—	■	■	—
	Rear connection	—	—	■	■	—
DIN rail	Front connection	■	■	—	—	—
Dimension						
Dimension(mm) W×H×D	Width( 2P/3P/4P)	62/90/120	70/105/140	140/185	195/260	210/280
	Height	140	157	255	300	286
	Depth	78.5	88	113	133	167 ( 195 ) <sup>2)</sup>
Weight						
Weight(kg)/Fixed	2P	0.81	1.1	—	—	—
	3P	1.05	1.75	5	9.5	13(15.5) <sup>2)</sup>
	4P	1.5	2.4	5.5	12.5	17(19.5) <sup>2)</sup>

Note: <sup>1)</sup> For 3/4 pole product only ;

<sup>2)</sup> The data in "( )" is for motor type