


### UL/CSA Rating

Switch Size			V2N	V3N	VN32	VN50	VN80	VN125	VN200
Canada/USA		V•	600	600	600	600	600	600	600
General Use	600V ac max. 3 phase	A	25	35	50	60	100	100	200
Motor 3 phase	240 V	hp	5	7.5	10	20	25	30	40
	480 V	hp	10	15	25	40	50	60	75
	600 V	hp	10	20	20	30	50	50	100
Single phase	120 V	hp	2	2	3	5	5	7.5	10
	240 V	hp	2	3	7.5	10	15	15	20

Note: Above UL/CSA ratings are as submitted to UL.

<sup>(1)</sup> only CSA tested

### International Rating

Switch Size		V2N	V3N	VN32	VN50	VN80	VN125	VN200	
Rated insulating voltage IEC 947 (111/3)	v•	690	690	690	690	690	690	690	
Rated impulse voltage IEC 947 (111/3)	KV	6	6	6	6	6	6	6	
Thermal rated current open with max. wire cross section (without connections)	I <sub>th</sub>	A	25	32	63	80	115	150	250
Connectable cross sections single resp. multi-strand	mm <sup>2</sup>	0.75-4	1-6	2.5-10	2.5-16	4-35	16-50 <sup>(1)</sup>	35-120 <sup>(1)</sup>	
Fine wire with core end bush (DIN 46 228)	mm <sup>2</sup>	0.75-2.5	0.75-4	1.5-6	2.5-10	2.5-25	-	-	
Terminal Screws		M4	M4	M5	M5	2xM4	M8	M10	
Short-circuit protection, fusible cut out	gL or aM	A max.	25	35	63	80	125	160	250
<b>Properties of main switches</b>									
Requirements for isolators compiled with up to	v•	• 690	• 690	• 690	• 690	• 690	• 690	• 690	
Clear indication of switching position									
<b>Switching capacity under alternating voltage conditions</b>									
<b>AC-21</b>									
Load break switches									
Rated operating current	I <sub>e</sub>	A	25	32	50	63	115	150	250
Rated operating voltage	U <sub>e</sub>	v•	690	690	690	690	690	690	
AC-23	220...240V, 3• kW	5.5	7.5	11	22	30	45	55	
Motor switches (main switches)	380...440V, 3• kW	11	15	22	30	55	75	90	
	500V, 3• kW	-	-	18.5	30	45	90	110	
	660...690V <sup>(2)</sup> 3• kW	-	-	18.5	22	30	45	45	
AC-3	220...240V, 3• kW	4	7.5	7.5	11	22	30	37	
Motor switches for operational switching	380...440V, 3• kW	7.5	11	15	22	37	55	65	
	500V, 3• kW	7.5	11	18.5	30	45	75	90	
	660...690V <sup>(2)</sup> 3• kW	11	15	18.5	22	30	45	45	
AC-4	220...240V, 3• kW	1.1	2.2	2.2	3	4	7.5	11	
Motor switches inching counter current breaking	380...440V, 3• kW	2.2	3	5.5	7.5	11	18.5	22	
	500V, 3• kW	2.2	3	5.5	7.5	15	22	30	
	660...690V <sup>(2)</sup> 3• kW	3	4	5.5	7.5	7.5	15	15	
AC-15 Control switches	I <sub>e</sub> at 220-240/380-440/500V	A	6/4/-	9/6/-	16/8/7	-	-	-	

<sup>(1)</sup> with DIN cable lug

<sup>(2)</sup> Rated mains voltage DIN IEC 38