

### Technical data according to IEC 947/EN 60947-3-4-5

IEC rating		OM <sub>-</sub>	ON <sub>-</sub>
<b>Resistive and inductive load</b>			
<b>AC ratings</b>			
Rated operating voltage U <sub>e</sub>	IEC V	500	690
Isolation condition acc to VDE		250	400
Rated thermal current I <sub>th</sub>	IEC A	10	25
Rated short circuit current	kA	1	16
Max back up fuse link	A	10	25
Short time current carrying capacity	3s A	—	100
	10s A	—	60
	30s A	—	32
	60s A	—	30
Rated operational current I <sub>o</sub>	A	10	25
Non- or slightly inductive load	AC1 380V A	10	25
Switching of resistive loads	AC21 400V A	10	25
Switching of magnetic drives relays, valves, traction magnets			
	AC11 220 – 240V A	2.5	5.5
	380 – 440V A	—	3.5
	500V A	—	4.5
Mixed resistive and inductive load, pf. 0.7			
	AC22 220 – 500V A	10	20
	660 – 690V A	—	20
<b>DC ratings</b>			
Switching capacity DC rated voltage with resistive circuits (T <sub>s</sub> ≤1ms)			
	DC1 24V A	10	10
	40V A	6	10
	60V A	2.5	3
	110V A	0.7	0.8
	220V A	0.3	0.32
	440V A	—	0.22
Switching capacity DC rated voltage with inductive circuits (T <sub>s</sub> ≤50ms)			
	DC1 24V A	6	10
	30V A	3	4.5
	40V A	1	1.7
	60V A	0.7	0.7
	110V A	0.3	0.3
<b>Motor ratings</b>			
<b>AC ratings</b>			
Rated operational power, 3 phase	AC2 220 – 240V kW	2.5	3.5
	380 – 440V kW	—	6
Starting of slip-ring motors, switching off	500V kW	—	6
	660 – 690V kW	—	6
Rated operational power 3 phase, 3 pole	AC3 220 – 240V kW	1.8	2.2
	380 – 440V kW	2.2	5.5
Direct starting of squirrel cage motors, switching off running motors	500V kW	—	4
	660 – 690V kW	—	4
1 phase	110V kW	0.3	0.4
	220 – 240V kW	0.55	0.75
	400V kW	0.75	1.3
Rated operational power, 3 phase, 3 pole	AC23 220 – 240V kW	1.8	2.6
	380 – 440V kW	3.0	7.5
Occasional switching of motors or other highly-inductive devices load	500V kW	—	4.8
	660 – 690V kW	—	4.8
1 phase	110V kW	0.37	0.5
	220 – 240V kW	0.75	0.9
	380 – 440V kW	1.1	1.5