

Order-no.: M220-SE8000.01.L1



Technical data

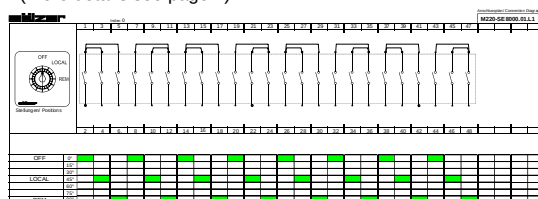
Standards IEC 60947, EN 60947, IEC 60204, EN 60204, ANSI/UL 60947-1, ANSI/UL 60947-4-1A

M220 P220			
Operational voltage U_e	V AC	690	
Impulse withstand voltage U_{imp}	kV	4	
Uninterrupted current $I_N / I_{th} / I_{the}$	A	20	
Short-circuit rating Max. fuse	gL	20	
Conditional short-circuit current	kAeff	10	
Isolation characteristics acc. to EN 60947	up to ... V AC	480	
Switching angle		30°, 45°, 60°, 90°	
Contacts (current paths)	max.	24	
Terminal capacity			
solid or stranded	min max	mm ² mm ²	1 2,5
flexible or multiwired including ferrule	min max	mm ² mm ²	1 2,5
American Wire Gauge		AWG	12
Operational current I_e			
AC-21A		A	20
cUL	300V AC	A	20
General Use	600V AC	A	—
Operational power 50-60Hz (3 phase)			
AC-23A	220-240V	kW	4
	380-440V	kW	7,5
	500V	kW	7,5
	660-690V	kW	7,5
AC-3	220-240V	kW	3
	380-440V	kW	5,5
	500V	kW	5,5
	660-690V	kW	5,5
cUL	110-120V AC	HP	1
	208V AC	HP	2
	220-240V AC	HP	2
	440-480V AC	HP	—
	550-600V AC	HP	—

- ☐ Mechanical lifespan:
>10⁶ switching cycle
- ☐ Climatic resistance:
damp heat, constant, to DIN IEC 60068-2-78
damp heat, cyclic, to DIN IEC 60068-2-30
- ☐ Ambient temperature:
open: -25/+50 °C. (min/max)
enclosed: -25/+40 °C. (min/max)
- ☐ Load carrying capacity in intermittent operation, Class 12
AB: 60%/40%/25% DF: 1.3/1.6/2 × I_e

Switching program

(more details see page 2)



Rotary Cam Switch

Product line M200

Front mounting switch

Four hole front mounting 36 x 36mm

With Cylinder lock device, M-operator module,
Escutcheon black, handle black, legend plate silver,
keylockable in all positions,
Degree of Protection IP 40 (front)

Dimensions (inch/mm)



Type		A	A1	C1	C2	D	D1	D2	D3	E	E1	L
M220	inch	1.89	3.15	1.26	1.57	1.81	0.59	0.18	0.75	1.42	1.57	6.5
	mm	48	80	32	40	46	15	4.5	19	36	40	164

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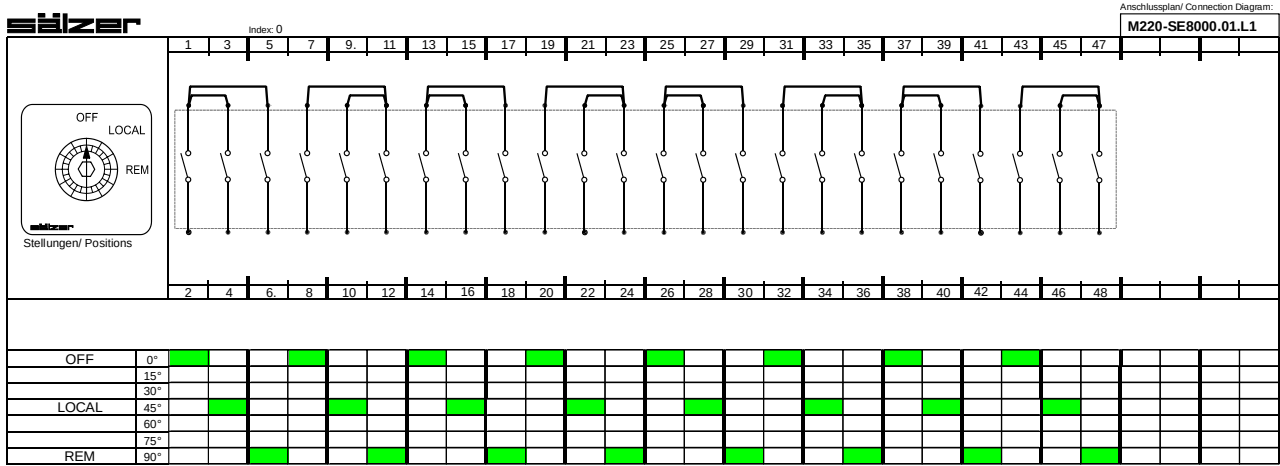
Project
ABB

Sälzer Electric GmbH / Germany

Made by: H. Rakow

Date: 11.12.2018

Switching program: **M220-SE8000.01.L1**



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