

## DATA SHEET: MAIN LOAD-BREAK SWITCH (ISOLATOR)



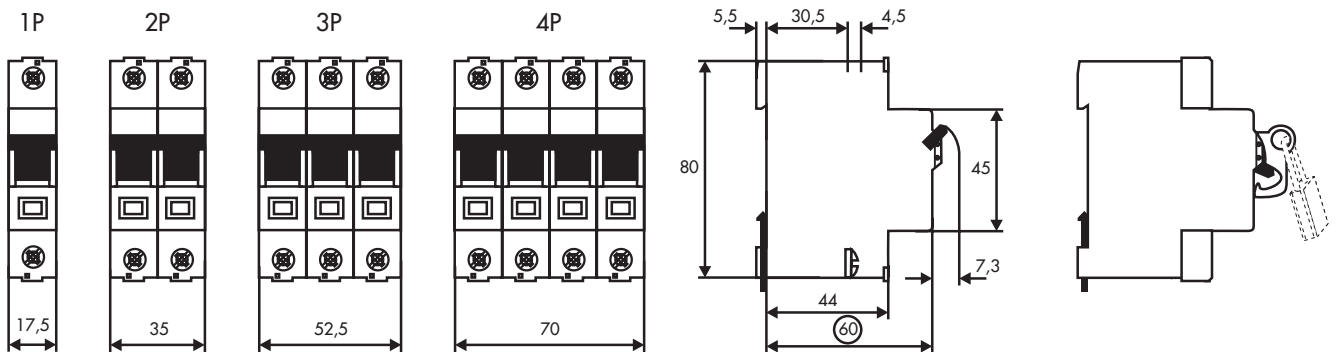
### SCHRACK-INFO

- Load-break switch for continuous running
- Can be used as a main switch w/ isolating function
- Can come lead-sealed with locking option and accessories
- Can be used to switch motors & highly-inductive loads

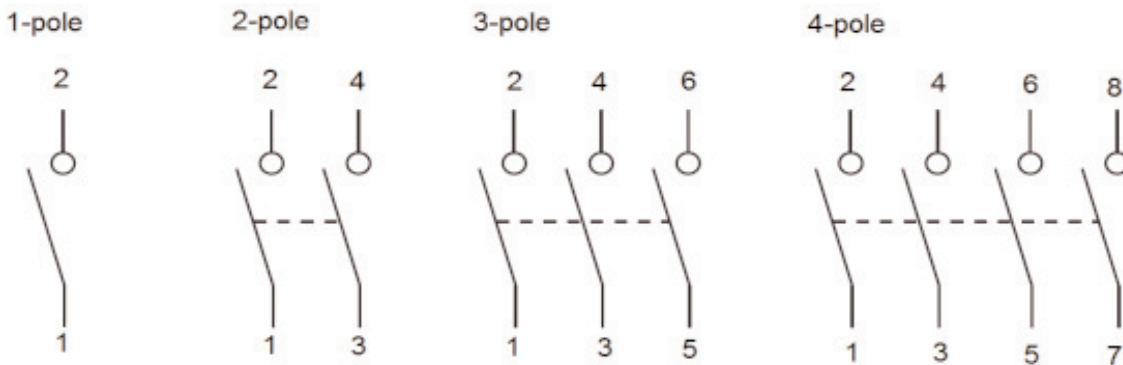
### TECHNICAL DATA

Product standards:	IEC/EN 60947-3
Rated operational voltage/frequency:	240/415V, 50/60Hz
Rated max. surge voltage $U_{imp}$ :	6kV
Rated short time current $I_{cw}$ :	2000A at 80A, 100A and 125A / at 40A and 63A 1000A
Rated short circuit switch on current $I_{cm}$ :	2800A at 80A, 100A and 125A / at 40A and 63A 1000A
Max. backup fuse:	125A gG
Short circuit current rating – with back up fuse in according to: 40A, 63A and 80A-type 100A and 125A-type	IEC/EN 60947-3 12,5kA 10kA
Rated insulation voltage $U_i$ :	690V
Utilization category: 40A-type 63A-type 80A-type 100A-type 1- and 2-pole 100A-type 3- and 4-pole 125A-type 3- and 4-pole	240/415V, AC21B, 240/415V, AC22A, 240/415V, AC23A 240/415V, AC21B, 240/415V, AC22A, 240/415V, AC23A 240/415V, AC21B, 240/415V, AC22A, 240/415V, AC23A 240/415V, AC21B, 240/415V, AC22A, 240/415V, AC23A 240/415V, AC21B, 240/415V, AC22A 240/415V, AC21B
<b>ENDURANCE</b>	
Operating cycles electrical 40A, 63A, 80A and 100A-type 125A-type	≥ 3.000 ≥ 2.000
Operating cycles mechanical 40A, 63A, 80A and 100A-type 125A-type	≥ 16.000 ≥ 14.000
Pollution class	3
<b>MECHANICAL</b>	
Mounting	special snap-on mounting for DIN rails EN 50 022
Degree of protection	in cover IP40
Terminals	open mouthed terminal and lift clamps both sides
Terminal protection	isolated fail-connection-protection
Terminal capacity	2,5 - 50 mm <sup>2</sup>
Max. material thickness of busbar	0,8 - 2 mm
Torque screw	2,5 - 5 Nm
Function	independent of position

**DIMENSIONS**



**WIRING**



RATED CURRENT/POLE	SU	TYPE	EAN-CODE	ORDER NO.
40 A/1pole	1	IA 1/40	9004840406016	BZ900241
40 A/2pole	2	IA 2/40	9004840406023	BZ900242
40 A/3pole	3	IA 3/40	9004840406030	BZ900243
40 A/4pole	4	IA 4/40	9004840406047	BZ900244
63 A/1pole	1	IA 1/63	9004840406054	BZ900261
63 A/2pole	2	IA 2/63	9004840406061	BZ900262
63 A/3pole	3	IA 3/63	9004840406078	BZ900263
63 A/4pole	4	IA 4/63	9004840406085	BZ900264
80 A/2pole	2	IA 2/80	9004840406108	BZ900282
80 A/3pole	3	IA 3/80	9004840406115	BZ900283
80 A/4pole	4	IA 4/80	9004840406122	BZ900284
100 A/1pole	1	IA 1/100	9004840406146	BZ900201
100 A/2pole	2	IA 2/100	9004840406153	BZ900202
100 A/3pole	3	IA 3/100	9004840406160	BZ900203
100 A/4pole	4	IA 4/100	9004840406177	BZ900204
125 A/3pole	3	IA 3/125	9004840406207	BZ900223
125 A/4pole	4	IA 4/125	9004840406214	BZ900224
Lock for lug 6mm diameter	-	-	9004840260892	BS900285