

Main switch Rear mounting Metal shaft



Powering Business Worldwide™

Part no. P1-25/M4/K1-PG/N
Article no. 172774
Catalog No. P1-25/M4/K1-PG/N

Delivery programme

Product range
 Basic function

Part group reference
 Emergency STOP

Contacts

Main circuits
 Poles



Auxiliary contacts



Locking facility
 Protection type
 Design

Contact sequence

Front plate no.

Switch-disconnectors T, P
 Main switches
 Maintenance switches
 Manual override switches
 P1
 without emergency switching off/
 emergency stop function
 With black rotary handle and locking
 ring
 without auxiliary contacts
 Neutral pole
 auxiliary contact fitted by user
 3 + N

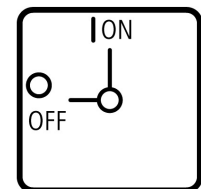
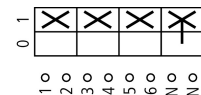
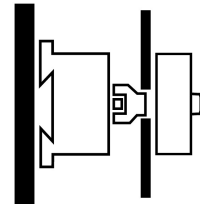
N/O

0

B

0

Lockable in the 0 (Off) position
 Front IP65
 main switches rear mounting



FS 908

Bemessungsbetriebsleistung AC-23A,
 50 - 60 Hz
 400 V

Rated uninterrupted current

P
 I_u

kW
 A

13
 25

General

Standards

Climatic proofing

Ambient temperature

Open

Enclosed

Overvoltage category/pollution degree

Rated impulse withstand voltage

Mechanical shock resistance

Mounting position

Protection against direct contact when actuated from front (EN 50274)

		IEC/EN 60947, VDE 0660, IEC/EN 60204, Switch-disconnector according to IEC/EN 60947-3
		Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
	°C	
	°C	-25 - +50
	°C	-25 - +40
		III/3
U_{imp}	V AC	6000
	g	15
		As required
		Finger and back-of-hand proof

Contacts

Mechanical variables

Main circuits
Poles
Auxiliary contacts

Electrical characteristics

Rated operational voltage

Rated uninterrupted current

Note on rated uninterrupted current I_u

Load rating with intermittent operation, class 12

AB 25 % DF

AB 40 % DF

AB 60 % DF

Short-circuit rating

Fuse

Rated short-time withstand current (1 s current)

Note on rated short-time withstand current I_{cw}

			3 + N
	N/O		0
	B		0
U_e	V AC		690
I_u	A		25
			Rated uninterrupted current I_u is specified for max. cross-section.
	$x I_e$		2
	$x I_e$		1.6
	$x I_e$		1.3
	A gG/ gL		25
I_{cw}	A_{rms}		640
			Current for a time of 1 second

Switching capacity

Bemessungsausschaltvermögen $\cos \varphi$ nach IEC 60947-3

230 V

400/415 V

500 V

690 V

Safe isolation to EN 61140

between the contacts

Current heat loss per contact at I_e

Lifespan, mechanical

Maximum operating frequency

AC

AC-3

Rating, motor load switch

220 V 230 V

400 V 415 V

500 V

690 V

Bemessungsbetriebsstrom Motorschalter

230 V

400V 415 V

500 V

690 V

AC-21A

Bemessungsbetriebsstrom Lastschalter

440 V

AC-23A

Bemessungsbetriebsleistung AC-23A, 50 - 60 Hz

230 V

400 V 415 V

500 V

690 V

Bemessungsbetriebsstrom Motorschalter

	A		
	A		190
	A		150
	A		170
	A		150
	V AC		440
	W		1.1
Operations	x 10^6		> 0.3
Operations/ h			1200
P	kW		
P	kW		5.5
P	kW		7.5
P	kW		7.5
P	kW		7.5
I_e	A		19.6
I_e	A		15.2
I_e	A		12.1
I_e	A		8.8
I_e	A		25
P	kW		
P	kW		7
P	kW		13
P	kW		11
P	kW		11

230 V	I_e	A	25
DC			
DC-1, Load-break switches L/R = 1 ms			
Rated operational current	I_e	A	25
Voltage per contact pair in series		V	60
DC-23A, motor load switch L/R = 15 ms			
24 V			
Rated operational current	I_e	A	25
Contacts		Quantity	1
48 V			
Rated operational current	I_e	A	25
Contacts		Quantity	2
60 V			
Rated operational current	I_e	A	25
Contacts		Quantity	3
120 V			
Rated operational current	I_e	A	12
Contacts		Quantity	3

Terminal capacities

Flexible with ferrules to DIN 46228

Flexible with ferrule

Terminal screw

Max. tightening torque

	mm^2	
	mm^2	1 x (1 - 4) 2 x (1 - 4)
		M4
	Nm	1.6

Additional product information (links)

http://ecat.moeller.net/flip-cat/?edition=HPLEN&startpage=4.87
http://de.ecat.moeller.net/flip-cat/?edition=HPLTEv1&startpage=4.2
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