

**Part no.** P3-63/XM  
**Article no.** 172836  
**Catalog No.** P3-63/XM

**Delivery programme**

Product range  
 Basic function

Part group reference

Contacts

Main circuits  
 Poles



Auxiliary contacts



Protection type  
 Design

Contact sequence

Front plate no.

Switch-disconnectors T, P  
 Main switches  
 Maintenance switches  
 Manual override switches  
 P3  
 basic switch without shaft  
 auxiliary contact fitted by user  
 neutral conductor fitted by user  
 3

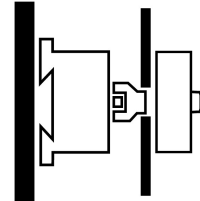
N/O

0

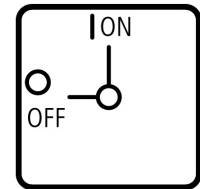
B

0

Front IP65  
 main switches rear mounting



1 0 2 0 3 0 4 0 5 0 6 0



**FS 908**

Bemessungsbetriebsleistung AC-23A,

50 - 60 Hz

400 V

Rated uninterrupted current

P

I<sub>u</sub>

kW

A

30

63

**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 <sub>imp</sub>	V AC
		6000
		g
		15
		As required
		Finger and back-of-hand proof

**Contacts**

Mechanical variables

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Main circuits  
Poles  
Auxiliary contacts

		3
	N/O	0
	B	0
Electrical characteristics		
Rated operational voltage	$U_e$	V AC 690
Rated uninterrupted current	$I_u$	A 63
Note on rated uninterrupted current $I_u$		Rated uninterrupted current $I_u$ is specified for max. cross-section.
Load rating with intermittent operation, class 12		
AB 25 % DF	$x I_e$	2
AB 40 % DF	$x I_e$	1.6
AB 60 % DF	$x I_e$	1.3
Short-circuit rating		
Fuse	A gG/ gL	80
Rated short-time withstand current (1 s current)	$I_{cw}$	$A_{rms}$ 1260
Note on rated short-time withstand current $I_{cw}$		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

230 V

DC

	A	
	A	640
	A	600
	A	590
	A	340
	V AC	440
	W	4.5
Operations	$x 10^6$	> 0.1
Operations/ h		1200
P	kW	
P	kW	15
P	kW	30
P	kW	30
P	kW	30
$I_e$	A	51
$I_e$	A	55
$I_e$	A	44
$I_e$	A	22.1
$I_e$	A	63
P	kW	
P	kW	18.5
P	kW	30
P	kW	37
P	kW	30
$I_e$	A	63

DC-1, Load-break switches L/R = 1 ms

Rated operational current

I<sub>e</sub> A 63

Voltage per contact pair in series

V 60

DC-23A, motor load switch L/R = 15 ms

24 V

Rated operational current

I<sub>e</sub> A 50

Contacts

Quantity 1

48 V

Rated operational current

I<sub>e</sub> A 50

Contacts

Quantity 2

60 V

Rated operational current

I<sub>e</sub> A 50

Contacts

Quantity 3

120 V

Rated operational current

I<sub>e</sub> A 25

Contacts

Quantity 3

### Terminal capacities

Flexible with ferrules to DIN 46228

Flexible with ferrule

mm<sup>2</sup>

mm<sup>2</sup>

1 x (1.5 - 25)

2 x (1.5 - 6)

Terminal screw

M5

Max. tightening torque

Nm

3

### 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>

<http://de.ecat.moeller.net/flip-cat/?edition=HPLTEv1&startpage=4.4>

<http://de.ecat.moeller.net/flip-cat/?edition=HPLTEv1&startpage=4.6>

<http://de.ecat.moeller.net/flip-cat/?edition=HPLTEv1&startpage=4.8>

<http://de.ecat.moeller.net/flip-cat/?edition=HPLTEv1&startpage=4.8>