

Part no. P1-32/XM
Article no. 172835
Catalog No. P1-32/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
 P1
 basic switch without shaft
 auxiliary contact fitted by user
 neutral conductor fitted by user
 3

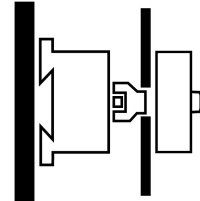
N/O

0

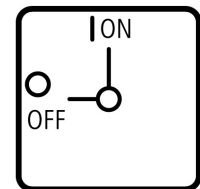
B

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_u

kW
 A

15
 32

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

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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 32
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	50
Rated short-time withstand current (1 s current)	I_{cw}	A_{rms} 640
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	A		
400/415 V	A	260	
500 V	A	300	
690 V	A	290	
Safe isolation to EN 61140 between the contacts	A	250	
Current heat loss per contact at I_e	V AC	440	
Lifespan, mechanical	W	1.8	
Maximum operating frequency	Operations $x 10^6$	> 0.3	
AC	Operations/ h	1200	
AC-3			
Rating, motor load switch	P	kW	
220 V 230 V	P	kW	7.5
400 V 415 V	P	kW	13
500 V	P	kW	18.5
690 V	P	kW	15
Bemessungsbetriebsstrom Motorschalter	I_e	A	26.4
230 V	I_e	A	26.4
400V 415 V	I_e	A	23.4
500 V	I_e	A	14.7
690 V			
AC-21A			
Bemessungsbetriebsstrom Lastschalter	I_e	A	32
440 V			
AC-23A			
Bemessungsbetriebsleistung AC-23A, 50 - 60 Hz	P	kW	
230 V	P	kW	8.5
400 V 415 V	P	kW	15
500 V	P	kW	18.5
690 V	P	kW	18.5
Bemessungsbetriebsstrom Motorschalter	I_e	A	32
230 V			
DC			

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

Rated operational current

I_e	A	32
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Voltage per contact pair in series

	V	60
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DC-23A, motor load switch L/R = 15 ms

24 V

Rated operational current

I_e	A	25
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Contacts

	Quantity	1
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48 V

Rated operational current

I_e	A	25
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Contacts

	Quantity	2
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60 V

Rated operational current

I_e	A	25
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Contacts

	Quantity	3
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120 V

Rated operational current

I_e	A	12
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Contacts

	Quantity	3
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Terminal capacities

Flexible with ferrules to DIN 46228

Flexible with ferrule

	mm^2	
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	mm^2	1 x (1 - 4) 2 x (1 - 4)
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Terminal screw

	M4
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Max. tightening torque

	Nm	1.6
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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>