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MOELLER

Type: **M22-K01**
Article No.: **216378**

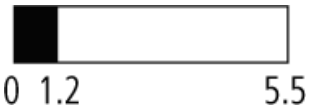


Ordering information			
Connection technique			Screw terminals
Description			Front fixing
Auxiliary contacts: = safety function, by positive opening to IEC/EN 60947-5-1 N/C = Normally closed			1 N/C

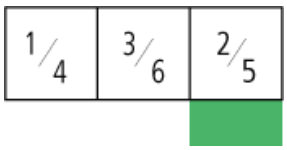
Contact sequence



Contact travel diagram, stroke in connection with front element



Configuration



Notes concerning the table header



x = sequence number on fixing adapter

y = function number on contact element

Assignment: Assignment of the fixing adapter with sequence numbers according to EN 50013

General

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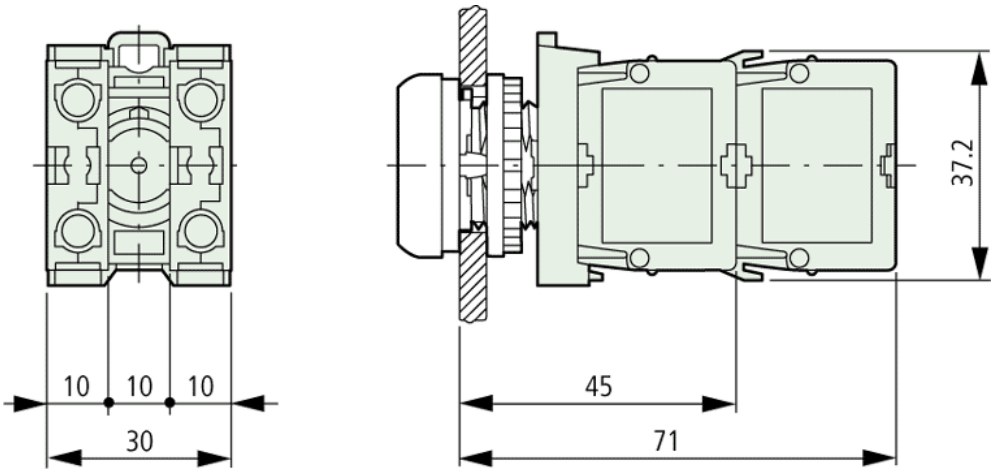
Standards			IEC/EN 60947 VDE 0660
Lifespan, mechanical	Operations	× 10^6	> 5
Operating frequency	Operations/h		3600
Operating force		n	5
Operating torque (screw terminals)		Nm	0,8
Degree of protection, IEC/EN 60529			IP 20
Climatic proofing			Damp heat, constant, according to IEC 60068–2–78 Damp heat, cyclical to IEC 60068–2–30
Ambient temperature			
Open		°C	–25/70
Mounting position			As required
Mechanical shock resistance to IEC 60068–2–27Shock duration 11 ms, half–sinusoidal		g	> 30
Terminal capacities			
Solid		mm^2	0.75 – 2.5
Stranded		mm^2	0.5 – 2.5
Contacts			
Rated impulse withstand voltage	U_{imp}	V AC	6000
Rated insulation voltage	U_i	V	500
Overvoltage category/pollution degree			III3
Control circuit reliability			
at 24 V DC/5 mA	H_F	Fault probability	< 10^{-7}, < 1 fault in 10^7 operations
at 5 V DC/1 mA	H_F	Fault probability	< 5 × 10^{-6}, < 1 fault in 5 × 10^6 operations
Max. short–circuit protective device			
Fuseless		Type	PKZM0–10/FAZ–B6/1
Fuse	gG/gL	A	10
Switching capacity			
Rated operational current			
AC–15			
115 V	I_e	A	4
230 V	I_e	A	4

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400 V	I_e	A	2
500 V	I_e	A	2
DV–13			
24 V	I_e	A	3
42 V	I_e	A	1,7
60 V	I_e	A	1,2
110 V	I_e	A	0,8
220 V	I_e	A	0,3
Lifespan, electrical			
AC–15			
230 V/0.5 A	Operations	× 10^6	1,6
230 V/1.0 A	Operations	× 10^6	1
230 V/3.0 A	Operations	× 10^6	0,7
DV–13			
12 V/2.8 A	Operations	× 10^6	1,2

Dimensions

Dimensions



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