



MN3PUM9



PHE111



PTM111



A14B4K11



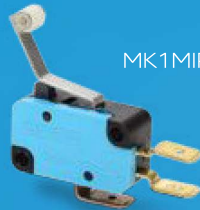
A54B1S11



MA111K



MN1MUM8



MK1MIP3



A71B1Y11



BS1012



MN2MIM2



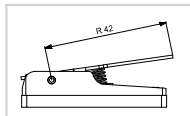
MN2KIM2

Basic Switches

MN Series Mini Switch



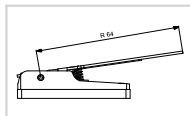
MN1KIM1



MN+KIM1



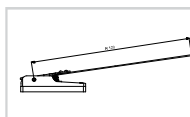
MN2KIM2



MN+KIM2



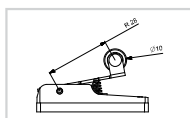
MN1KIM3



MN+KIM3



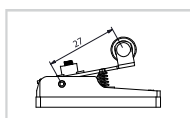
MN2MIM1



MN+MIM1



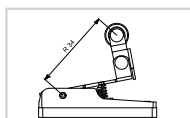
MN1MIM1A



MN+MIM1A



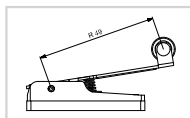
MN2MIM1Y



MN+MIM1Y



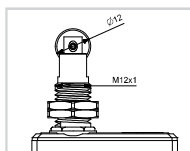
MN1MIM2



MN+MIM2



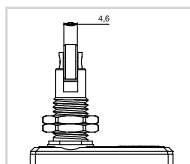
MN2MUM3



MN+MUM3



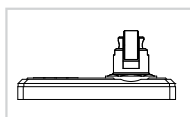
MN2MUM8



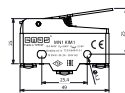
MN+MUM8



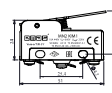
MN1MUM9



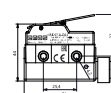
MN+MUM9



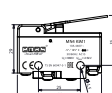
MN1



MN2



MN3 (IP65)



MN4

Box/Pcs	10	10	10	10
Code	MN1KIM1	MN2KIM1	MN3KIM1 (IP65)	MN4KIM1
Contact Type	1 CO	1 CO	1 CO	1 NC+1 NO

Code	MN1KIM2	MN2KIM2	MN3KIM2 (IP65)	MN4KIM2
Contact Type	1 CO	1 CO	1 CO	1 NC+1 NO

Code	MN1KIM3	MN2KIM3	MN3KIM3 (IP65)	MN4KIM3
Contact Type	1 CO	1 CO	1 CO	1 NC+1 NO

Code	MN1MIM1	MN2MIM1	MN3MIM1 (IP65)	MN4MIM1
Contact Type	1 CO	1 CO	1 CO	1 NC+1 NO

Code	MN1MIM1A	MN2MIM1A	MN3MIM1A (IP65)	
Contact Type	1 CO	1 CO	1 CO	

Code	MN1MIM1Y	MN2MIM1Y	MN3MIM1Y (IP65)	MN4MIM1Y
Contact Type	1 CO	1 CO	1 CO	1 NC+1 NO

Code	MN1MIM2	MN2MIM2	MN3MIM2 (IP65)	MN4MIM2
Contact Type	1 CO	1 CO	1 CO	1 NC+1 NO

Code	MN1MUM3	MN2MUM3	MN3MUM3 (IP65)	
Contact Type	1 CO	1 CO	1 CO	

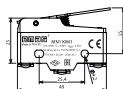
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Contact Type	1 CO	1 CO	1 CO	

Code	MN1MUM9			
Contact Type	1 CO			

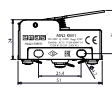
Basic Switches



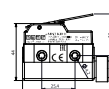
MN Series Mini Switch



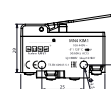
MN1



MN2



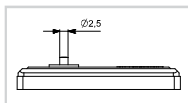
MN3 (IP65)



MN4



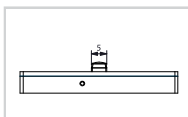
MN1PUM1



MN+PUM1



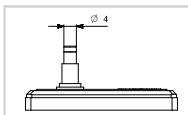
MN4PUP1



MN+PUP1



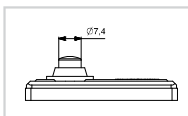
MN2PUM3



MN+PUM3



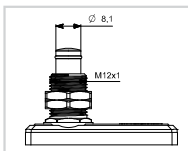
MN3PUM7



MN+PUM7



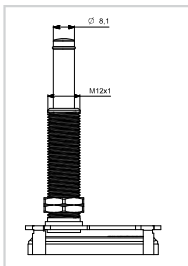
MN3PUM9



MN+PUM9



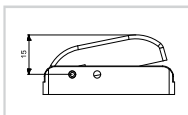
MN1PUM9U



MN+PUM9U



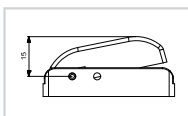
MN2TIP11



MN+TIP11



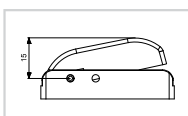
MN2TIP11Y



MN+TIP11Y*



MN2TIP1



MN+TIP1

Box/Pcs	10	10	10	10
Code	MN1PUM1	MN2PUM1	MN3PUM1 (IP65)	
Contact Type	1 CO	1 CO	1 CO	

Code				MN4PUP1
Contact Type				1 NC+1 NO

Code	MN1PUM3	MN2PUM3	MN3PUM3 (IP65)	
Contact Type	1 CO	1 CO	1 CO	

Code	MN1PUM7	MN2PUM7	MN3PUM7 (IP65)	
Contact Type	1 CO	1 CO	1 CO	

Code	MN1PUM9	MN2PUM9	MN3PUM9 (IP65)	
Contact Type	1 CO	1 CO	1 CO	

Code	MN1PUM9U			
Contact Type	1 CO			

Code		MN2TIP11		
Contact Type		1 NO		

Code		MN2TIP11Y*		
Contact Type		1 NO		

Code		MN2TIP1		
Contact Type		1 CO		

Code	Type	Features	Box/Pcs
MN1YKAP	Protection Cover	Suitable for MN1 and MN2	10

* Hardened spring and green button



MK1PUP1



MK1KIM1



MK1MIP3



MK1KIM5



MK1PUM9



MK1KIM31A



MK1KIM2



MK1KIM3



MK1KIM4



MK1MIM1



MK1MIM2



MK1MIP1



MK1MIP2



BS1022



BS1012



BS1010E



BS1012E



BS1011V



BS1010TX1



MA111



MA211



MA111K



MAK

Micro Switch

Code	Contact Type	Actuator	Actuator Material	Box/Pcs
MK1PUM9	1 CO	Plunger	Metal	10
MK1PUP1	1 CO	Plunger	Plastic	50
MK1PUP1Y	1 CO	Plunger	Soft Plastic	50
MK1KIM1	1 CO	Lever	Metal	50
MK1KIM2	1 CO	Lever	Metal	50
MK1KIM3	1 CO	Lever	Metal	50
MK1KIM31A	1 NC	Lever	Metal	50
MK1KIM4	1 CO	Lever	Metal	50
MK1KIM5	1 CO	Lever	Metal	40
MK1MIM1	1 CO	Roller Lever	Metal	40
MK1MIM2	1 CO	Roller Lever	Metal	40
MK1MIP1	1 CO	Roller Lever	Metal	50
MK1MIP2	1 CO	Roller Lever	Plastic	40
MK1MIP3	1 CO	Roller Lever	Plastic	40

Button Switch, IP50

Code	Contact Type	Actuator	Actuator Material	Box/Pcs
BS1010	1 NO, Snap Action	Plunger	Plastic	20
BS1010E	1 NO, Snap Action	Plunger	Plastic with Silicon Cover	16
BS1011	1 NC, Snap Action	Plunger	Plastic	20
BS1011E	1 NC, Snap Action	Plunger	Plastic with Silicon Cover	16
BS1011V	1NO, Snap Action	Plunger (17,20 mm)	Plastic	20
BS1012	1NO+1NC, Snap Action	Plunger	Plastic	20
BS1012E	1NO+1NC, Snap Action	Plunger	Plastic with Silicon Cover	16
BS1020	1 NO, Slow Action	Plunger	Plastic	20
BS1021	1 NC, Slow Action	Plunger	Plastic	20
BS1022	1NO+1NC, Snap Action	Plunger	Plastic	20
BS1040	1 NO, Snap Action	Plunger	Plastic	20
BS1041	1 NC, Snap Action	Plunger	Plastic	20
BS1042	1NO+1NC, Snap Action	Plunger	Plastic	20

Button Switches, IP 67

Code	Contact Type	Cable Length	Actuator	Actuator Material	Box/Pcs
BS1010TX1	1NO, Snap Action	1m	Plunger	Plastic, With Silicon Cap	1
BS1011TX1	1NC, Snap Action	1m	Plunger	Plastic, With Silicon Cap	1
BS1012TX1	Double Circuit, Snap Action	1m	Plunger	Plastic, With Silicon Cap	1

Toggle Switch

Code	Contact Type	Cable Connection	Actuator Material	Plate	Box/Pcs
MA111	1 NO	2 Screws	Metal	On-Off	10
MA111K	1 NO	2 Screws, With cover	Metal	On-Off	10
MA111L	1 NO	2 Soldering Terminals	Metal	On-Off	10
MA111T	1 NO	2 Terminals	Metal	On-Off	10
MA111TT	1 NO	2 Terminals	Metal	On-Off (Black)	10
MA112	1 NO, 1 NC	3 Screws	Metal	On-On	10
MA113	1 NO, 1 NO	3 Screws	Metal	On-Off-On	10
MA121	1 NO	2 Screws	Metal, Plastic Covered	On-Off	10
MA122	1 NO, 1 NC	3 Screws	Metal, Plastic Covered	On-On	10
MA123	1 NO, 1 NO	3 Screws	Metal, Plastic Covered	On-Off-On	10
MA211	2 NO	4 Screws	Metal	On-Off	6
MA212	2 NO + 2 NC	6 Screws	Metal	On-On	6
MA212T	2 NO + 2 NC	6 Terminals	Metal	On-On	6
MA213	2 NO + 2 NO	6 Screws	Metal	On-Off-On	6
MA213T	2 NO + 2 NO	6 Terminals	Metal	On-Off-On	6
MA221	2 NO	4 Screws	Metal, Plastic Covered	On-Off	6
MA222	2 NO + 2 NC	6 Screws	Metal, Plastic Covered	On-On	6
MA222T	2 NO + 2 NC	6 Terminals	Metal, Plastic Covered	On-On	6
MA223	2 NO + 2 NO	6 Screws	Metal, Plastic Covered	On-Off-On	6
MA223T	2 NO + 2 NC	6 Terminals	Metal, Plastic Covered	On-Off-On	6
MAK	-	-	Plastic	-	10



MAY111



MAY211



MAY213



MAY222

Toggle Switch, Spring Return

Code	Contact Type	Cable Connection	Actuator Material	Plate	Box/Pcs
MAY111	1 NO	2 Screws	Metal	On-Off	10
MAY111L	1 NO	2 Soldering Terminals	Metal	On-Off	10
MAY111T	1 NO	2 Terminals	Metal	On-Off	10
MAY112	1 NO, 1 NO	3 Screws	Metal	On-On	10
MAY113	1 NO, 1 NO	3 Screws	Metal	On-Off-On	10
MAY121	1 NO	2 Screws	Metal, Plastic Covered	On-Off	10
MAY122	1 NO, 1 NO	3 Screws	Metal, Plastic Covered	On-On	10
MAY123	1 NO, 1 NO	3 Screws	Metal, Plastic Covered	On-Off-On	10
MAY211	2 NO	4 Screws	Metal	On-Off	6
MAY212	2 NO + 2 NO	6 Screws	Metal	On-On	6
MAY212T	2 NO + 2 NO	6 Terminals	Metal	On-On	6
MAY213	2 NO + 2 NO	6 Screws	Metal	On-Off-On	6
MAY213T	2 NO + 2 NO	6 Terminals	Metal	On-Off-On	6
MAY221	2 NO	4 Screws	Metal, Plastic Covered	On-Off	6
MAY222	2 NO + 2 NO	6 Screws	Metal, Plastic Covered	On-On	6
MAY222T	2 NO + 2 NO	6 Terminals	Metal, Plastic Covered	On-On	6
MAY223	2 NO + 2 NO	6 Screws	Metal, Plastic Covered	On-Off-On	6



K25001T



K25011V

Medium Voltage Cell Switches

Code	Contact Type	Terminal Type	Box/Pcs
K25001T	2 NC, 1 NO	6 Terminals	10
K25001V	2 NC, 1 NO	6 Screws	10
K25011T	1 NC, 2 NO	6 Terminals	10
K25011V	1 NC, 2 NO	6 Screws	10



A12B1H10



A12B1K11



A12B1S11



A12B1Y11 (3)



A12W1K11



A14B1K11



A21B1H10



A21B1S11



A21B1K11



A54B1H10



A54B1Y11



A71B1K11



A71B1Y11



A71B1S11



EK1



EK2



PTM110



PTM111



PHE110



PTM122

Illuminated Rocker Switch

Code	Housing Type	Housing Colour	Feature	Contact Type	Plate	Button Colour	Cable Connection	Box/ Pcs
A12B1H10	30*22mm	Black	WO/Illumination	1NO + 1NO	0-1	H	Terminal	50
A12B1K11	30*22mm	Black	W/Illumination	1NO + 1NO	0-1	K	Terminal	50
A12B1S11	30*22mm	Black	W/Illumination	1NO + 1NO	0-1	S	Terminal	50
A12B1Y11	30*22mm	Black	W/Illumination	1NO + 1NO	0-1	Y	Terminal	50
A12B5H10	30*22mm	Black	WO/Illumination	1NO + 1NO	0-1	H	Bridge	50
A12B5K11	30*22mm	Black	W/Illumination	1NO + 1NO	0-1	K	Bridge	50
A12B5S11	30*22mm	Black	W/Illumination	1NO + 1NO	0-1	S	Bridge	50
A12B5Y11	30*22mm	Black	W/Illumination	1NO + 1NO	0-1	Y	Bridge	50
A12W1H10	30*22mm	White	WO/Illumination	1NO + 1NO	0-1	H	Terminal	50
A12W1K11	30*22mm	White	W/Illumination	1NO + 1NO	0-1	K	Terminal	50
A12W1S11	30*22mm	White	W/Illumination	1NO + 1NO	0-1	S	Terminal	50
A12W1Y11	30*22mm	White	W/Illumination	1NO + 1NO	0-1	Y	Terminal	50
A14B1H10	30*22mm	Black	WO/Illumination	2NO	0-1	H	Terminal	50
A14B1K11	30*22mm	Black	W/Illumination	2NO	0-1	K	Terminal	50
A14B1S11	30*22mm	Black	W/Illumination	2NO	0-1	S	Terminal	50
A14B1Y11	30*22mm	Black	W/Illumination	2NO	0-1	Y	Terminal	50
A14B4H10	30*22mm	Black	WO/Illumination	2NO	0-1	H	Screw	50
A14B4K11	30*22mm	Black	W/Illumination	2NO	0-1	K	Screw	50
A14B4S11	30*22mm	Black	W/Illumination	2NO	0-1	S	Screw	50
A14B4Y11	30*22mm	Black	W/Illumination	2NO	0-1	Y	Screw	50
A14B5H10	30*22mm	Black	WO/Illumination	2NO	0-1	H	Bridge	50
A14B5K11	30*22mm	Black	W/Illumination	2NO	0-1	K	Bridge	50
A14B5S11	30*22mm	Black	W/Illumination	2NO	0-1	S	Bridge	50
A14B5Y11	30*22mm	Black	W/Illumination	2NO	0-1	Y	Bridge	50
A14B6H10	30*22mm	Black	WO/Illumination	2NO	0-1	H	Protected Screw	50
A14B6K11	30*22mm	Black	W/Illumination	2NO	0-1	K	Protected Screw	50
A14B6S11	30*22mm	Black	W/Illumination	2NO	0-1	S	Protected Screw	50
A14B6Y11	30*22mm	Black	W/Illumination	2NO	0-1	Y	Protected Screw	50
A14W1K11	30*22mm	White	W/Illumination	2NO	0-1	K	Terminal	50
A14W1S11	30*22mm	White	W/Illumination	2NO	0-1	S	Terminal	50
A14W1Y11	30*22mm	White	W/Illumination	2NO	0-1	Y	Terminal	50
A14W1BP1K	30*22 mm	White	W/Illumination/ Lens	2NO	0-1	B	Terminal	50
A21B1H10	30*11mm	Black	WO/Illumination	1NO	0-1	H	Terminal	50
A21B1K11	30*11mm	Black	W/Illumination	1NO	0-1	K	Terminal	50
A21B1S11	30*11mm	Black	W/Illumination	1NO	0-1	S	Terminal	50
A21B1Y11	30*11mm	Black	W/Illumination	1NO	0-1	Y	Terminal	50
A21W1K11	30*11mm	White	W/Illumination	1NO	0-1	K	Terminal	50
A21W1S11	30*11mm	White	W/Illumination	1NO	0-1	S	Terminal	50
A21W1Y11	30*11mm	White	W/Illumination	1NO	0-1	Y	Terminal	50
A44B1HX1	20*13 mm	Black	W/Illumination	2NO	-	-	Terminal	50
A44B9HX1	20*13 mm	Black	W/Illumination	2NO	-	-	Terminal + Protected Screw	50
A54B1H10*	30*22mm	Black	WO/Illumination IP65	2NO	0-1	H	Terminal	50
A54B1K11*	30*22mm	Black	W/Illumination IP65	2NO	0-1	K	Terminal	50
A54B1S11*	30*22mm	Black	W/Illumination IP65	2NO	0-1	S	Terminal	50
A54B1Y11*	30*22mm	Black	W/Illumination IP65	2NO	0-1	Y	Terminal	50
A71B1H10	Dia 22mm	Black	WO/Illumination	1NO	0-1	H	Terminal	50
A71B1K11	Dia 22mm	Black	W/Illumination	1NO	0-1	K	Terminal	50
A71B1S11	Dia 22mm	Black	W/Illumination	1NO	0-1	-	Terminal	50
A71B1Y11	Dia 22mm	Black	W/Illumination	1NO	0-1	Y	Terminal	50

* When will be written 25 instead of * it will be 25A.

Code	Type	Box/ Pcs
EK1	Silicon Cover, Slim	100
EK2	Silicon Cover, Wide	100

Panel Thermostats

Code	Operation	Feature & Type	Contact	Box/ Pcs
PTM110	Mechanical	Thermostat (Panel Type)	NC (Heating-Red)	1
PTM111	Mechanical	Thermostat (Panel Type)	NO (Cooling-Blue)	1
PTM122	Mechanical	Thermostat (Panel Type)	NC (Heating-Red)+NO (Cooling-Blue)	1
PTE110	Electronic	Thermostat (Panel Type)	NC	1
PTE111	Electronic	Thermostat (Panel Type)	NO	1
PHE124	Analogue (Digital Sensor Included)	Thermostat+Hygrostat (Panel Type)	1 CO	1
PHE110	Electronic	Hygrostat (Panel Type)	NC	1
PHE111	Electronic	Hygrostat (Panel Type)	NO	1