

Accessories



Function and Feature

- Serves as an on-off signal indication of circuit breaker for non-professional use and without maintenance
- Serves as an on-off signal indication of circuit breaker tripping due to the circuit fault
- Remote opening of the device when a voltage is applied
- A variety of additional features can be achieved with Aoelec wide range of accessories when used with circuit breaker, such as alarms, shunt trip, over-voltage and under-voltage release with Aoelec H or K family devices

Technical Data

Parameters briefing are referred to the following summary and table

1. Rated Working Voltage Ue: see Table 1
2. Operating Voltage Range: see Table 1

Table 1

Product Module Name	Rated Working Voltage Ue(V)	Operating Voltage Range (V)
KMX KMX+OF	AC/DC:24V	70%~110% of Rated Working Voltage
	AC/DC:48V	
	AC:100~415V DC:110~130V	
KMV	AC:230	280±5%
KMN		170±5%
KMV+MN		Overvoltage: 280±5% Undervoltage: 170±5%

3. Rated Insulation Voltage (Ui):500V
4. Dielectric Performances : Contact can take to 2000V,1 min Power Frequency Withstand Voltage Test
5. Mechanical Endurance: 4000
6. Terminal: Pillar Type
7. Cable Connection:4mm²
8. Mounting: Din Rail

Parameters and briefing are referred to the following

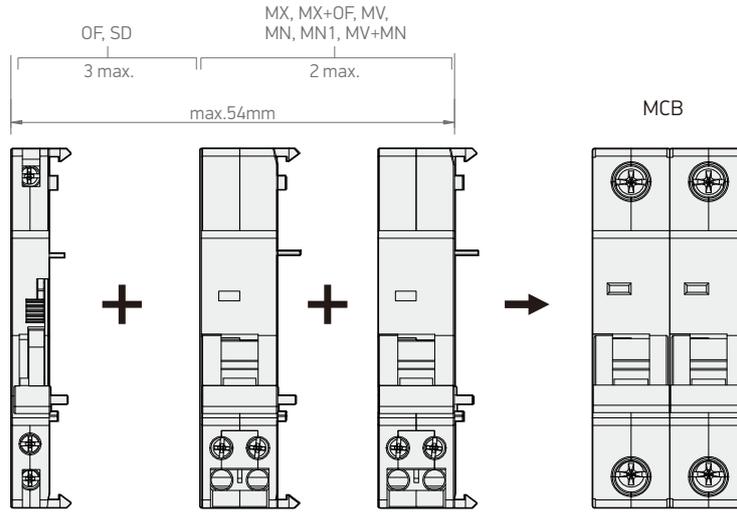
1. Used Category and different Rated Working Current under rated voltage is referring to Table 2
2. Dielectric Performances: Contact can take to 2000V, 1 min Power Frequency Withstand Voltage Test
3. Frequency: 50/60Hz
4. Mechanical Endurances for Auxiliary contact: 5000
5. Mechanical Endurances for Alarm Switch: 4000
6. Terminal: Pillar Type
7. Cable Termination: 4mm²
8. Mounting: Din Rail

Table 2

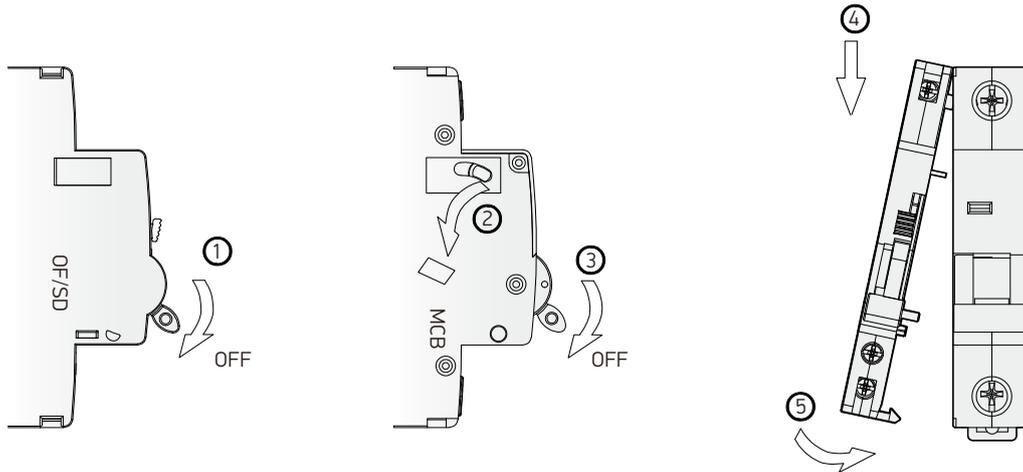
Category	Rated Working Voltage Ue(V)	Rated Working Current (A)
AC-12	415V	3
	≤240V	6
DC-12	130V	1
	48V	2
	24V	6

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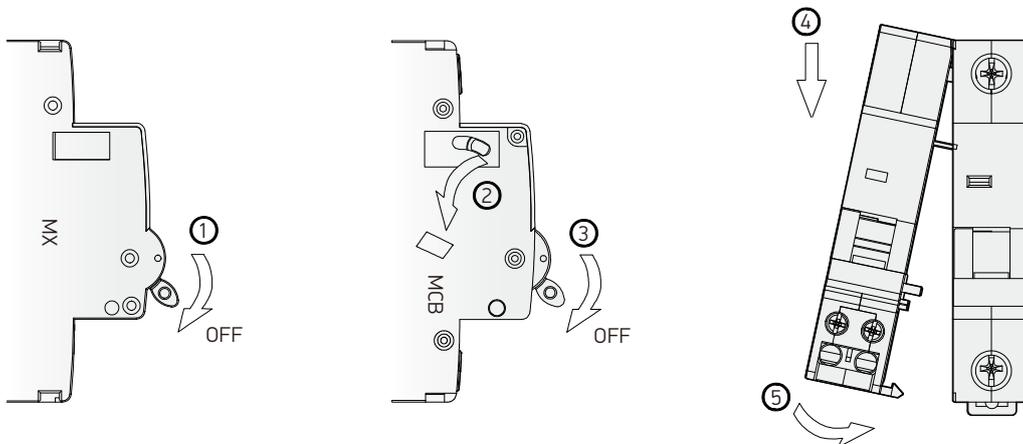
Assembly Diagram



Picture 1 Assembly Diagram



Picture 2 KOF/KSD Assembly Dimension Drawing



Picture 3 KMX/KMX+OF/KMV/KMN/KMV+MN Assembly Dimension Drawing

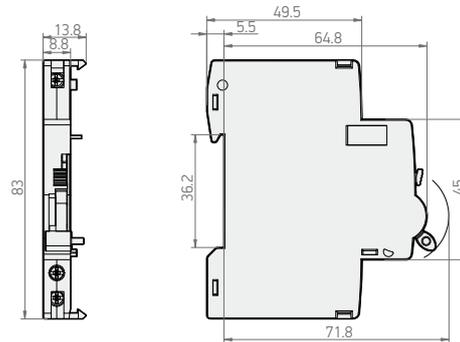
KOF Auxiliary Contact



Technical Data

Rated Current (I _n)	A	3 (400V AC)	6 (240V AC)	1(110V DC)
Width	mm	9		
Terminal	mm ²	0.5-4		
Dielectric Strength	V	2000/1min		
Electro-mechanical Endurance	Times	≥5000		

Dimensions(mm)



Ordering System

Model	Description	Suitable For MCB/RCBO
KOF	Auxiliary Contact 1NO+1NC	KBF, KBE, KBS, KBM, KSH, KBH, KEO, KLH, KBI

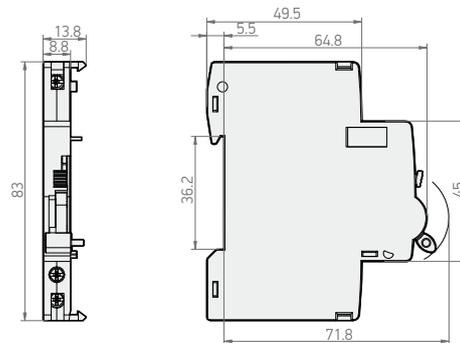
KSD Alarm Switch



Technical Data

Contact Capacity	A	3 (400V AC)	6 (230V AC)	9(125V AC)
Width	mm	9		
Rated Power Voltage (U _s)	V	400, 230, 125		
Operate Voltage Range		70~100% U _s		
Dielectric Strength	V	2000/1min		
Rated Insulating Voltage(U _i)	V	500		
Electro-mechanical Endurance	Times	≥4000		

Dimensions(mm)



Ordering System

Model	Description	Suitable For MCB/RCBO
KSD	Alarm Switch	KBF, KBE, KBS, KBM, KSH, KBH, KEO, KLH

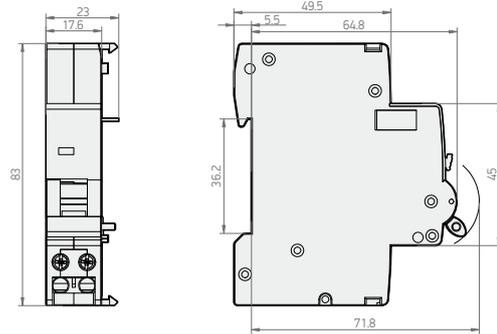
KMX Shunt Release



Technical Data

Max. Inrush current	A	3 (415V AC)	6 (230V AC)	9 (110V AC)
Nominal Voltage	V	110~415		
Width	mm	18		
Dielectric Strength	V	2000/1min		
Electro-mechanical Endurance	Times	≥4000		
Release Range	V	110~415		

Dimensions(mm)



Ordering System

Model	Description	Suitable For MCB/RCBO
KMX	Release Range 110-415VAC	KBF, KBE, KBS, KBM, KSH, KBH, KEO, KLH

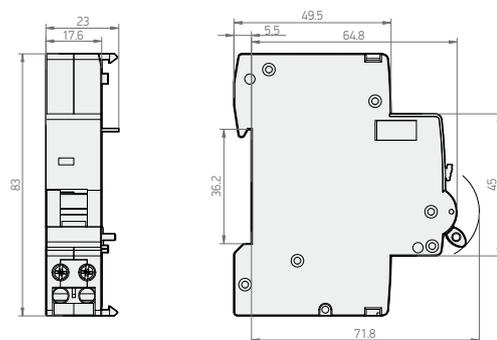
KMV+MN Over-voltage & Under-voltage Release



Technical Data

Rated Voltage(Ue)	V	230
Max. Tripping Voltage Range	V	280(1±5%)
Min. Tripping Voltage Range	V	170(1±5%)
Width	mm	18
Electro-mechanical Endurance	Times	≥4000

Dimensions(mm)



Ordering System

Model	Description	Suitable For MCB/RCBO
KMV+MN	Over-voltage and Under-voltage Release	KBF, KBE, KBS, KBM, KSH, KBH, KEO, KLH