

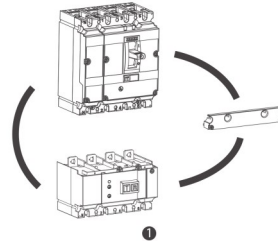
MX Residual current protection module

User Instruction

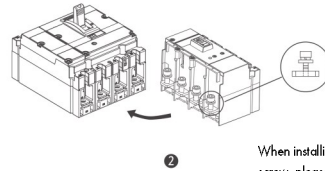


1. Installation

General Drawing



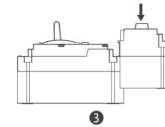
Connecting Installation



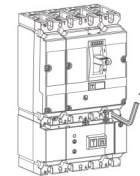
When installing this screw, please screw it in a certain distance.



Dislocation Installation

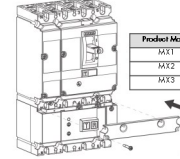


Screw Fixation



Product Model	Screw Specifications	Torque(Nm)
MX1	M8X16	6
MX2	M8X20	11
MX3	M10X30	25

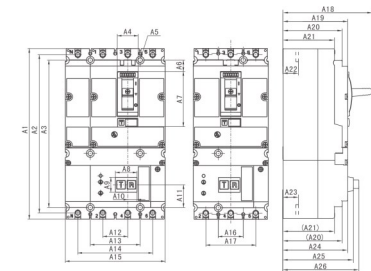
Cover Plate Installation



Product Model	Screw Specifications	Torque(Nm)
MX1	ST2.9X19	1.2
MX2	ST2.9X19	1.2
MX3	ST3.9X16	2



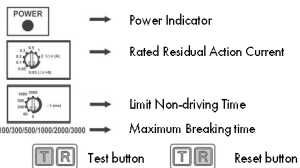
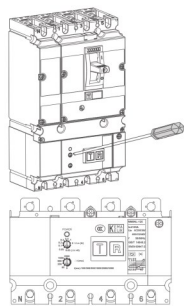
2. Dimensions



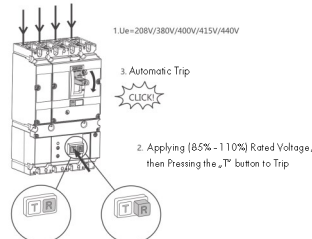
	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13
MX1/3P	205	190	177	25	ØM5	13.8	66.7	26	18	11.2	27.3	30	60
MX1/4P	232	215	200	27	ØM5	18.8	75.3	28	18	14	32	35	70
MX2/3P	355	327	301	51.8	ØM5	27.5	114	45	27	22.5	36.5	45	90
MX2/4P	414	415	416	60	ØM5	35	125	88	82	72.5	22.5	22.5	88
MX3/3P	105	140	145	90	ØM10	171	113	108	96	ØM10	27	113	119
MX3/4P	135	185	185	90	ØM10	171	113	108	96	ØM10	27	113	119

3. Operation

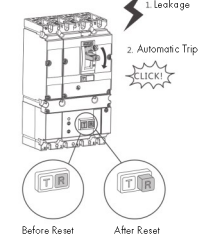
Gear Adjustment



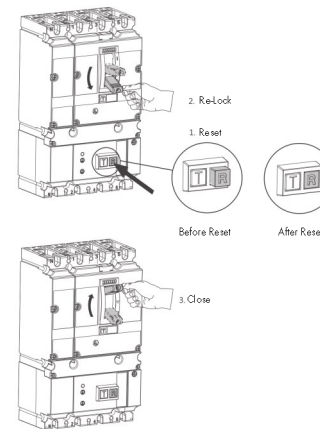
Operating the Device for Trip Test



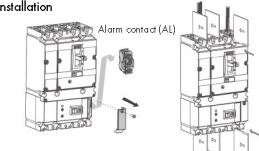
Applying Leakage Current for Trip



Closing Steps of Circuit Breaker after Module Trip



Accessory Installation



Here, the cover can be opened to install the Alarm Contact (AL), achieving the additional function of „Only ALARM without TRIP“ or „Both ALARM and TRIP“. This accessory must be installed or disassembled by the Manufacturer, and the Manufacturer is NOT responsible for any consequences caused by the User's own installation or disassembly.

4. Derating Coefficient

MX1		MX2		MX3	
Rated Current In(A)	Derating Factor	Rated Current In(A)	Derating Factor	Rated Current In(A)	Derating Factor
16	1	32	1	250	1
20	1	63	1	315	0.96
25	1	100	1	350	0.95
32	1	125	1	400	0.93
40	1	160	1	500	0.87
50	1	180	1	630	0.95
63	1	200	0.9		
80	0.95	225	0.9		
100	0.9	250	0.9		
125	0.8				