

## JM1L Series MCCB ELCB

### 4、Normal application, installation, and transportation conditions

Normal usage conditions:

a)The upper limit of the ambient air temperature shall not exceed+40 °C, the lower limit shall not be lower than -5 °C, and the average value within 24 hours shall not exceed+35 °C.

Note: Circuit breakers used under conditions where the ambient air temperature is above+40 °C or below -5 °C should be negotiated with the manufacturer.

b)The height of the poster at the installation site shall not exceed 2000m;

c)The relative humidity of the atmosphere does not exceed 50% at the highest ambient temperature of+40 °C; At lower temperatures, there can be higher relative humidity (e.g. 90% at 20 °C), taking into account the condensation on the surface of the product caused by temperature changes

Normal installation conditions:

a)Installation conditions: Generally, it should be installed vertically or horizontally;

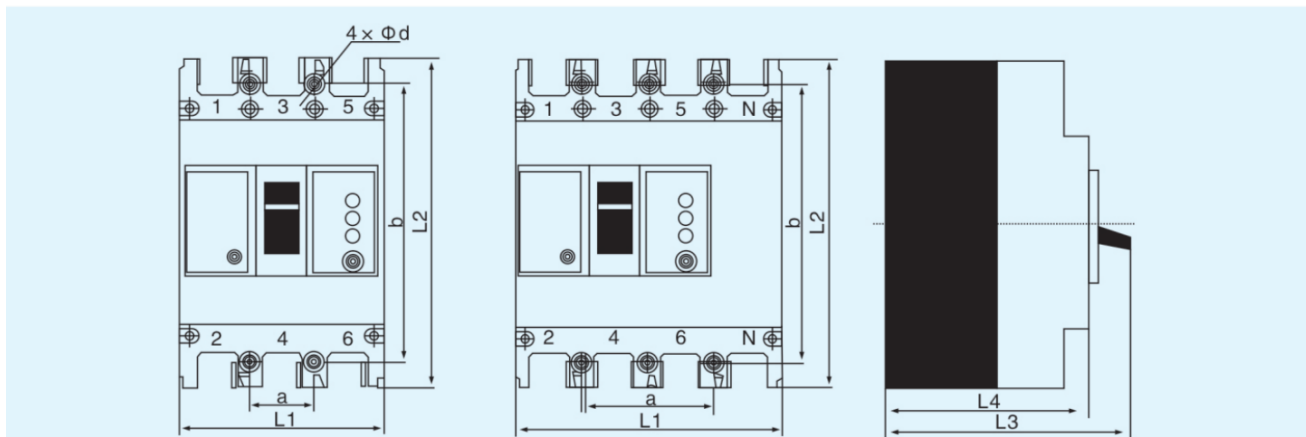
b)Installation category: Circuit breaker main circuit Class III, control circuit and auxiliary circuit Class II;

c)Pollution level: Level 3;

d)External magnetic field: The external magnetic field near the installation site shall not exceed 5 times the geomagnetic field in any direction.

### 5、Appearance and installation dimensions

The appearance and installation dimensions of the wiring in front of the circuit breaker board



Model	Number of poles	External dimensions (mm)				Installation dimensions (mm)		
		L1	L2	L3	L4	a	b	ϕ d
JM1L-100S	3	92max	150max	94max	75max	30	129	4* ϕ 4.5
	4	122max	150max	94max	75max	60	129	6* ϕ 4.5
JM1L-100H	3	92max	150max	110max	92max	30	129	4* ϕ 4.5
	4	122max	150max	110max	92max	60	129	6* ϕ 4.5
JM1L-225S	3	107max	165max	94max	72max	35	126	4* ϕ 4.5
	4	142max	165max	94max	72max	70	126	6* ϕ 4.5
JM1L-225H	3	107max	165max	110max	90max	35	126	4* ϕ 4.5
	4	142max	165max	110max	90max	70	126	6* ϕ 4.5
JM1L-400S, H	3	148max	257max	146max	100max	47	194	4* ϕ 7
	4	197max	257max	146max	100max	95	194	6* ϕ 7
JM1L-630、800S, H	3	210max	280max	146max	103max	70	243	4* ϕ 7
	4	280max	280max	146max	103max	70	243	6* ϕ 7