

IDM3系列
产品使用说明书

IDM3 Series
User Manual

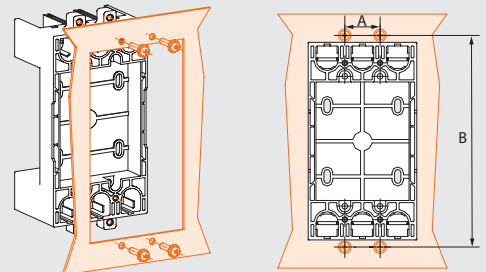
警告 触电危险！
Electric Current!
Danger to life!

只允许专业人员和受过专业
训练的人员进行下列工作
Only skilled or instructed persons may
carry out the following operations

泰州亿丰达电器有限公司
Taizhou Ifonda Electric Apparatus Co., Ltd.

插入式 (P) 安装：穿板安装
Plug-in installation:wear plate

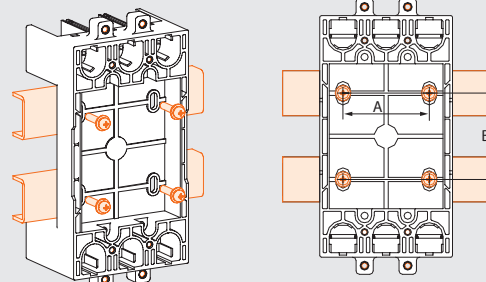
IDM3-1C/S/M/H



	C/S	M/H
A	25	30
B	145	175
螺钉 Bolt	GB9074.8 M3X10	GB9074.8 M4X10

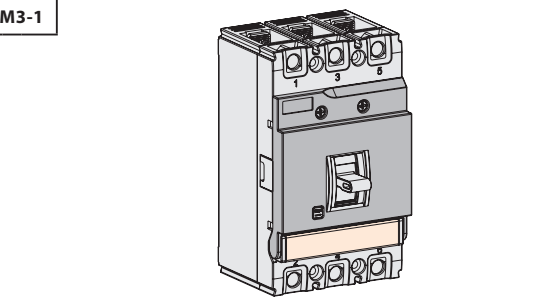
插入式 (P) 安装：导轨安装
Plug-in installation:Rail style

IDM3-1C/S/M/H



	C/S	M/H
A	50	50
B	55	50
螺钉 Bolt	GB9074.8 M4X20 GB6170 M4	GB9074.8 M4X20 GB6170 M4

IDM3-1



C/S		M/H	
3P	6 GB70.1 M6X12 DIN6796 Ø6	3P	6 GB70.1 M6X12 DIN6796 Ø6
4P	8	4P	8
3P	2(GB9074.8M3X6S)	3P	2(GB9074.8 M4X80)
4P	4(GB9074.8M3X6S)	4P	4(GB9074.8 M4X80)

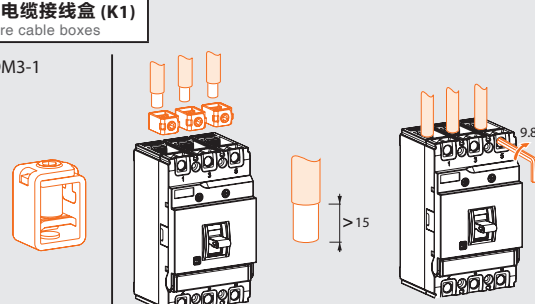
内六角扳手 Hexagon wrench
十字螺丝刀 Cross screwdrive

IDM3-1C/S mm
IDM3-1M/H mm

注意 Attention
IDM3-1 TE智能型断路器S、M、H分断能力安装开孔尺寸相同，须按此表尺寸（IDM3-1M/H）开孔安装；
IDM3-1 TE intelligent MCCB has S,M,H breaking capacity,This three breaking capacity has the same mounting hole size,must be installed according to the size of this table (IDM3-1M/H).

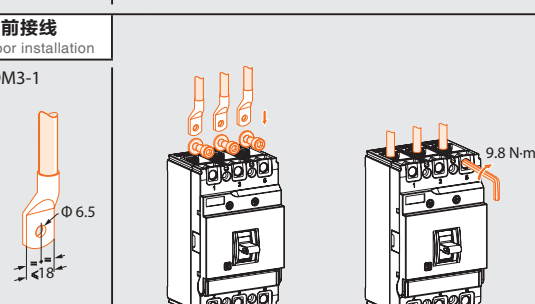
裸电缆接线盒 (K1)
Bare cable boxes

IDM3-1



板前接线
Floor installation

IDM3-1

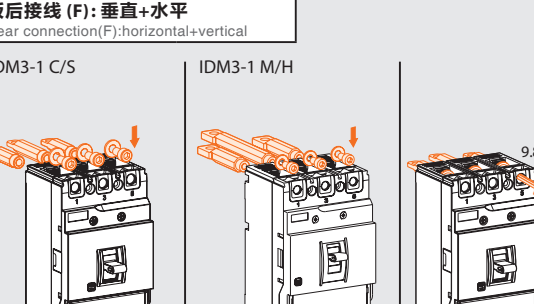


安全间距
Safe distance

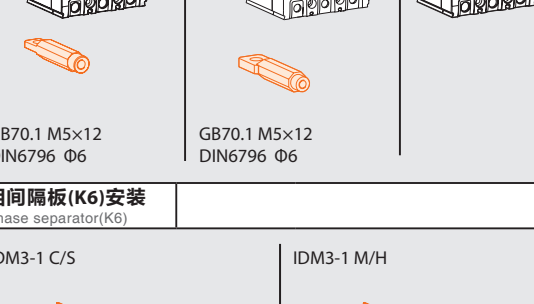
注意 Attention
对于IDM3断路器如果F<8时必须使用绝缘隔板
For IDM3 circuit breakers the phase separator must be used if F<8

板后接线 (F): 垂直+水平
Rear connection(F):horizontal+vertical

IDM3-1 C/S

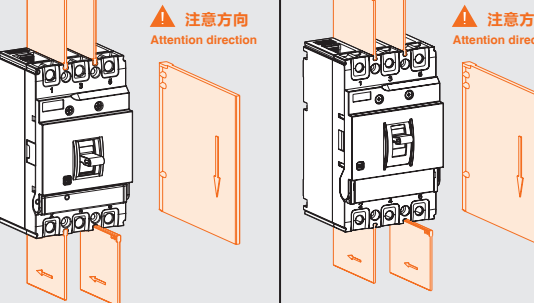


IDM3-1 M/H

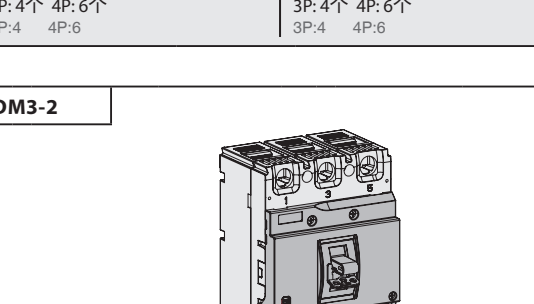


相间隔板(K6)安装
Phase separator(K6)

IDM3-1 C/S

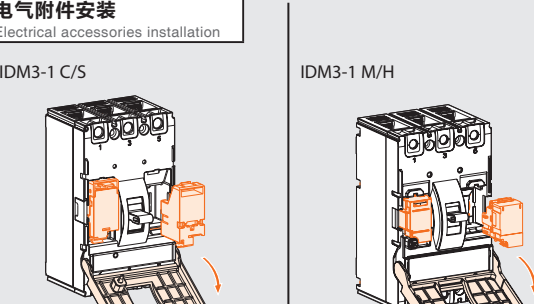


IDM3-1 M/H



电气附件安装
Electrical accessories installation

IDM3-1 C/S



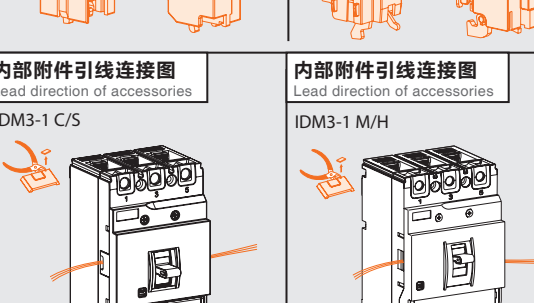
IDM3-1 M/H



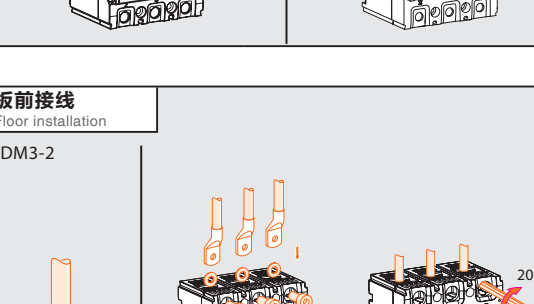
绝缘件 Insulator
分励 (SHT) Shunt release
欠压 (UVT) Undervoltage release
辅助报警 (AX/AL) Auxiliary/Alarm

内部附件引线连接图
Lead direction of accessories

IDM3-1 C/S

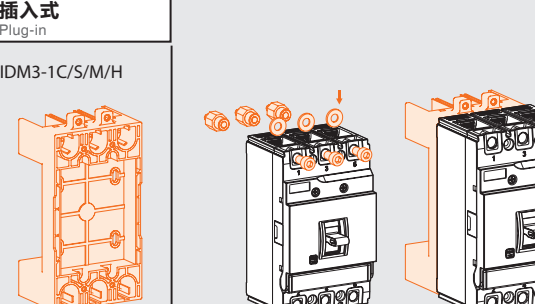


IDM3-1 M/H



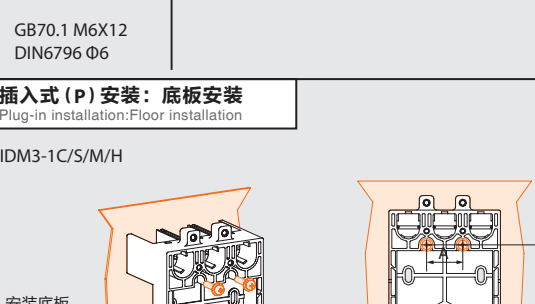
插入式
Plug-in

IDM3-1C/S/M/H



插入式 (P) 安装：底板安装
Plug-in installation:Floor installation

IDM3-1C/S/M/H

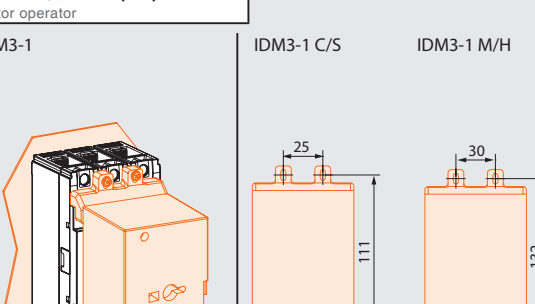


1. 底板安装仅用于板前接线
The floor installationis only for the front panel connection.
2. 在安装底板和插入式底座之间必须垫绝缘垫板
A phase separator is needed between installation base and plug-in base.

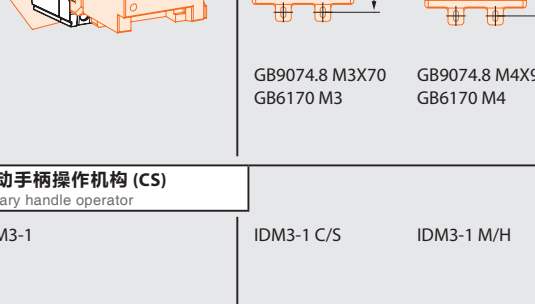
	C/S	M/H
A	25	30
B	96	112
螺钉 Bolt	GB9074.8 M3X6S GB6170 M3	GB9074.8 M4X70 GB6170 M4

电动机操作机构(CD)
Motor operator

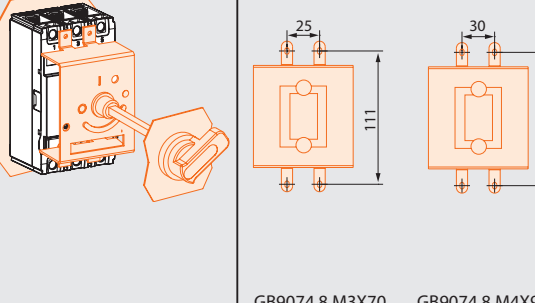
IDM3-1



IDM3-1 C/S

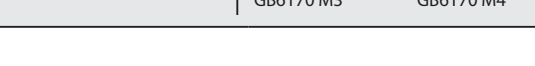


IDM3-1 M/H



转动手柄操作机构 (CS)
Rotary handle operator

IDM3-1

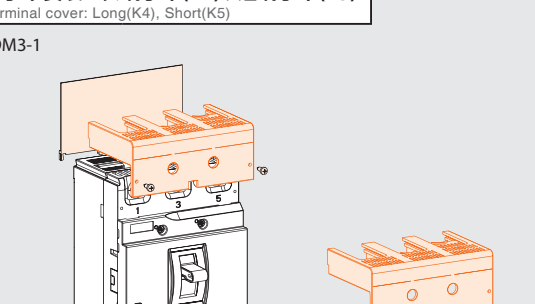


IDM3-1 C/S

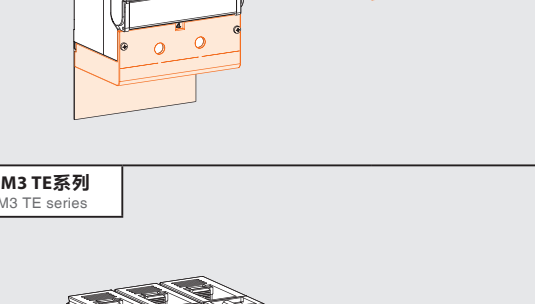
IDM3-1 M/H

端子罩安装：长端子罩(K4)、短端子罩(K5)
Terminal cover: Long(K4), Short(K5)

IDM3-1

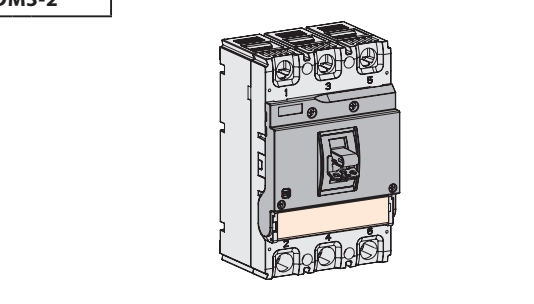


IDM3 TE系列
IDM3 TE series



翻开透明盖进行参数调节
Open the transparent cover, than adjust the parameters

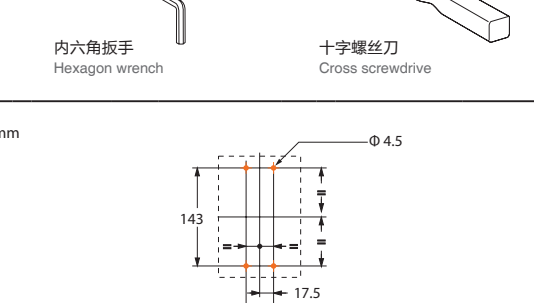
IDM3-2



C/S/M		H	
3P	6 GB70.1 M8X20 DIN6796 Ø8	3P	6 GB70.1 M8X20 DIN6796 Ø8
4P	8	4P	8
3P	2(GB9074.8 M4X70)	3P	2(GB9074.8 M4X90)
4P	4(GB9074.8 M4X70)	4P	4(GB9074.8 M4X90)

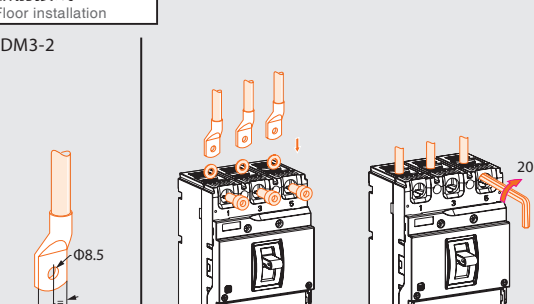
内六角扳手 Hexagon wrench
十字螺丝刀 Cross screwdrive

mm



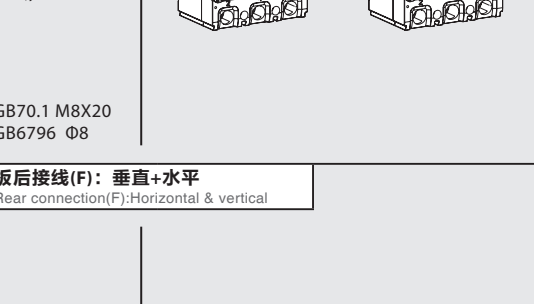
板前接线
Floor installation

IDM3-2



GB70.1 M8X20 GB6796 Ø8

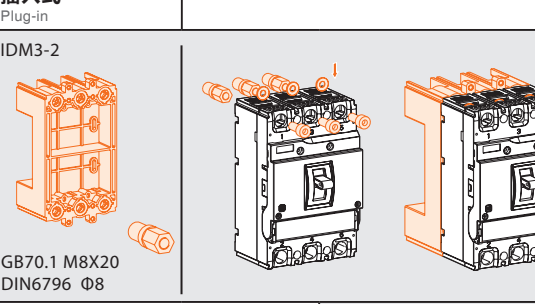
板后接线(F): 垂直+水平
Rear connection(F):Horizontal & vertical



GB70.1 M8X20 DIN6796 Ø8

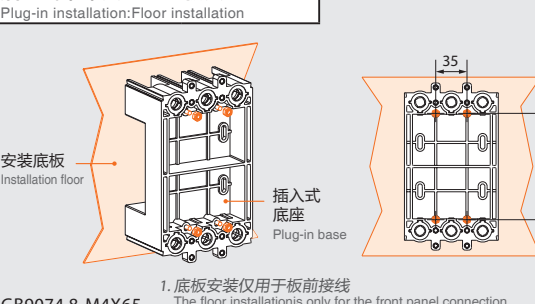
插入式
Plug-in

IDM3-2



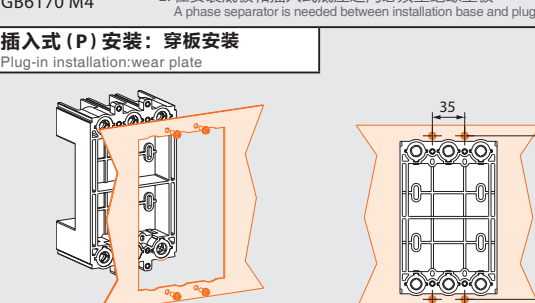
插入式 (P) 安装：底板安装
Plug-in installation:Floor installation

IDM3-2



1. 底板安装仅用于板前接线
The floor installationis only for the front panel connection.
2. 在安装底板和插入式底座之间必须垫绝缘垫板
A phase separator is needed between installation base and plug-in base.

插入式 (P) 安装：穿板安装
Plug-in installation:wear plate



GB9074.8-M4X65
GB6170 M4

GB9074.8-M4X20

插入式 (P) 安装：导轨安装
Plug-in installation:Rail style

IDM3-2

相间隔板 (K6) 安装
Phase separator (K6)

插入式 (P) 安装：导轨安装
Plug-in installation:Rail style

GB9074.8 M5X20
GB6170 M5

电气附件安装
Electrical accessories installation

内部附件引线连接图
Lead direction of accessories

电气附件安装
Electrical accessories installation

IDM3-2

内部附件引线连接图
Lead direction of accessories

电动机操作机构(CD)
Motor operator

IDM3-3

相间隔板安装(K6)
Phase separator

转动手柄操作机构(CS)
Rotary handle operator

IDM3-2

端子罩安装：长端子罩(K4)、短端子罩(K5)
Terminal cover: Long(K4), Short(K5)

IDM3-2

手柄锁(K7)安装
Handle lock

IDM3-2

IDM3-3

3P	6	GB70.1 M10X25 DIN6796 Ø10	
4P	8		
3P	4(GB9074.8 M6X65)		
4P	4(GB9074.8 M6X65)		

极间距扩展器连接
Pole spacing Expander

板前接线
Floor installation

IDM3-3

板后接线(F)：垂直+水平
Rear connection(F): horizontal+vertical

插入式
Plug-in

插入式 (P) 安装：底板安装
Plug-in installation:Floor installation

插入式 (P) 安装：穿板安装
Plug-in installation:wear plate

固定式尺寸
Size of fixed type MCCB

固定式连接
Fixed connection

端子部分
Terminal part
IDM3-1~3

安装
Installation

导体部分
Conductor section

型号 Model	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	B	B1	B2	B3
IDM3-1C/S	65	130	50	20.9	29.7	29.5	54.5	111	116	15.8	13	7	25	77	24.5	102
IDM3-1M/H	77.5	155	50	22.5	42.6	28	58	132	137	17.8	13	8.5	30	92	28.5	122
IDM3-2C/S/M	82.5	165	80	21	47.5	28.5	62	143	144	20.5	24	10	35	105	32.6	140
IDM3-2H	82.5	165	80	21	47.5	28.5	62	143	144	20.5	24	10	35	105	32.6	140
IDM3-3	128.5	257	105.8	35.2	82.5	51	109	194	228	28.5	30	13	48	150	58	198

型号 Model	B4	C1	C2	C3	C4	C5	E1	E2	F1	F2	F3	d1	d2			
IDM3-1C/S	18	56	61	81.5	18	55	55.5	111	25	12.5	50	6.5	4			
IDM3-1M/H	18	72	79	101	23.5	73	66	132	30	15	60	6.5	4.5			
IDM3-2C/S/M	24.5	66	73	99.5	24.6	65	71.5	143	35	17.5	70	8.5	4.5			
IDM3-2H	24.5	83.5	90.5	115.5	25.1	82.5	71.5	143	35	17.5	70	8.5	4.5			
IDM3-3	32	94.5	103	158	26	93	97	194	48	24	96	11	7			

注意1：在尺寸与连接部分IDM3-1 TE 智能型塑壳断路器S、M、H分断能力产品外形及安装开孔尺寸相同，按所有表中IDM3-1M/H 型查询；
Note1:the breaking capacity, appearance and dimensions of IDM3-1 TE intelligent MCCB are the same. They can be queried in the table.

注意2：在尺寸与连接部分IDM3-2 TE 智能型塑壳断路器S、M、H分断能力产品外形及安装开孔尺寸相同，按所有表中IDM3-2H型查询。
Note2:the breaking capacity, appearance and dimensions of IDM3-2 TE intelligent MCCB are the same. They can be queried in the table.