

REV	DESCRIPTION	DRW.	DATE
00	初版发行	G.X.Y	2025.08.11

Notes/备注:

1. Electrical properties (Installed on the insulating panel) / 电气特性 (安装在绝缘面板)
UL Standard/UL 标准

Use Group/应用组别	B	C	D
Rated Voltage/额定电压 (V)	600	600	600
Rated Current/额定电流 (A)	50	50	5
Withstanding voltage/工频耐电压	AC 2500V/1Min		

IEC Standard/IEC 标准

Rated Voltage/额定电压 (V): 1000
Rated Current/额定电流 (A): 57

Overvoltage Category/过电压类别 / Pollution Degree/污染等级	II/2	III/2	III/3
Voltage/电压 (V)	1000	1000	1000
Rated Impulse Voltage/冲击耐电压 (KV)	8	8	8

2. Electrical properties (Installed on the metal panel) / 电气特性 (安装在金属面板)
UL Standard/UL 标准

Use Group/应用组别	B	C	D
Rated Voltage/额定电压 (V)	300	/	300
Rated Current/额定电流 (A)	50	/	10
Withstanding voltage/工频耐电压	AC 2500V/1Min		

IEC Standard/IEC 标准

Rated Voltage/额定电压 (V): 630
Rated Current/额定电流 (A): 57

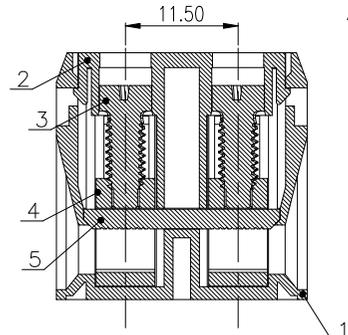
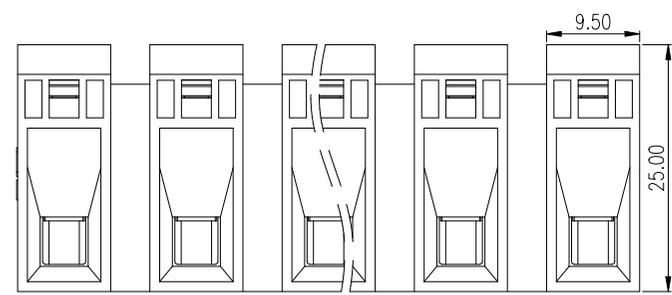
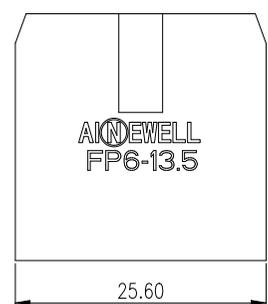
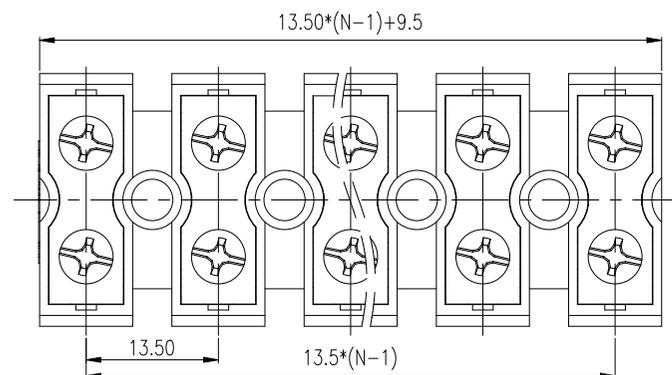
Overvoltage Category/过电压类别 / Pollution Degree/污染等级	II/2	III/2	III/3
Voltage/电压 (V)	1000	630	400
Rated Impulse Voltage/冲击耐电压 (KV)	6	6	6

3. Connection data/连接数据

Wire range/线径范围 (AWG/mm²): 24~8/0.5~10
Stripping length/剥线长度 (mm): 8~9
Wire tightening torque/导线扭矩 (N.m): 1.2

4. Environmental safety/环境安全

Operating temperature/工作温度范围 (°C): -40~+105
RoHS compliant/符合RoHS环保要求



5	Conductor Blade 导电片	Copper Alloy	Sn Plated
4	Cage 方块	Copper Alloy	Ni Plated
3	SCREW 螺丝	Steel	M4/Ni Plated
2	Cover 盖板	PA66	UL94 V-0
1	HOUSING 主体	PA66	UL94 V-0
ITEM	NAME OF PART	MATERIAL	NOTES

Part No./料号说明:

FP6-13.5-XXP-X

Poles/极数
02: 2Poles
03: 3Poles
...
12: 12Poles

Color/颜色
1: Brown/棕色 6: Blue/蓝色
2: Red/红色 7: Purple/紫色
3: Orange/橙色 8: Grey/灰色
4: Yellow/黄色 9: White/白色
5: Green/绿色 A: Black/黑色

Nominal dimension Tolerances (mm)							
0 to 18	over 18 to 30	over 30 to 50	over 50 to 80	over 80 to 120	over 120 to 180	over 180 to 250	over 250 to 320
±0.25	±0.3	±0.35	±0.5	±0.7	±0.9	±1.0	±1.2

APP. M.X.B	DATE: 2025.08.11	PART NO: FP6-13.5-XXP-X		
CHK. C.W	DATE: 2025.08.11			
DRW. G.X.Y	DATE: 2025.08.11	DARWING TYPE: Customer Drawing		
PROJECTION		UNITS: mm	SCALE: 2:1	SHEET/OF: 1/1
AINWELL		昆山艾尼维尔电子有限公司 KUN SHAN AINWELL ELECTRONICS CO.,LTD		