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FOR-1755 Rev.1.6

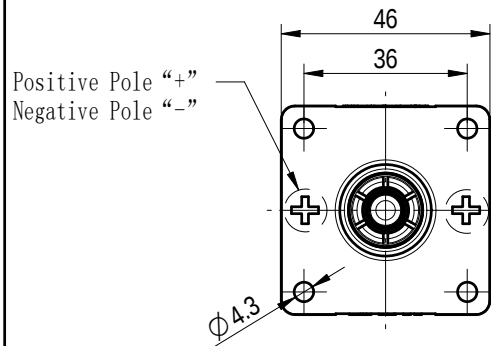
2

3

4

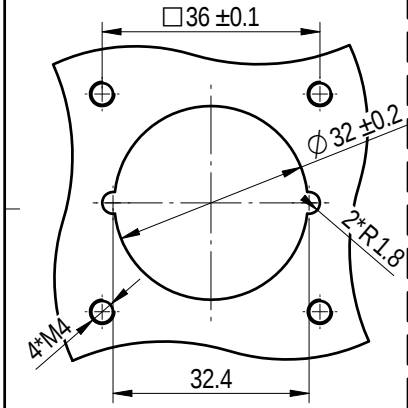
5

6

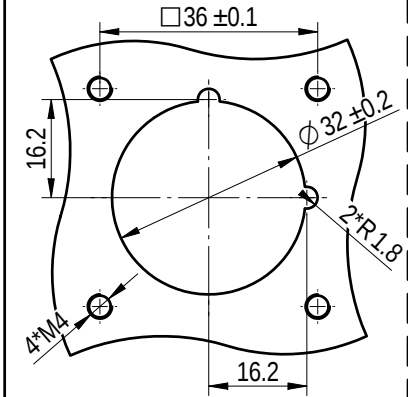


Other wiring forms:

Negative Pole:

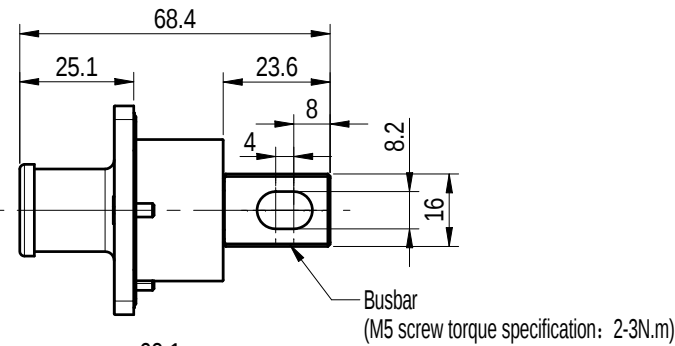


Positive Pole:

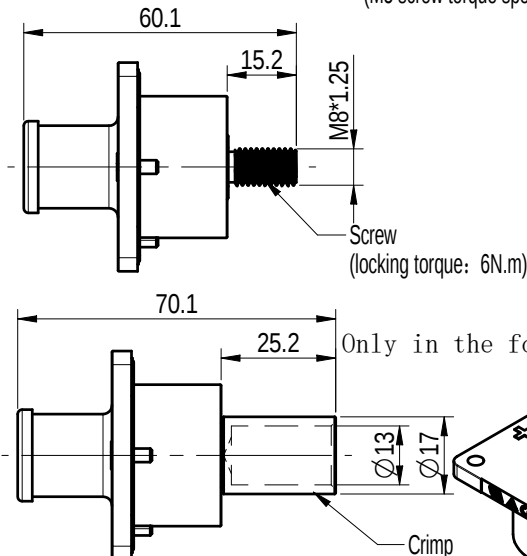


Recommended
Panel Cut-Out

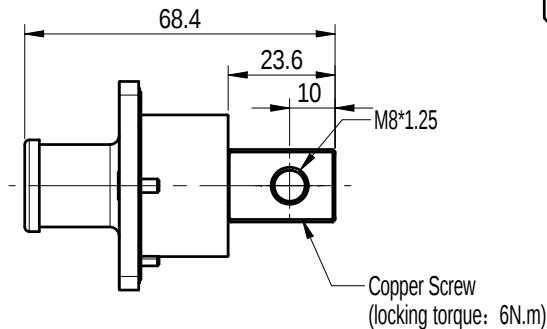
Form 1:



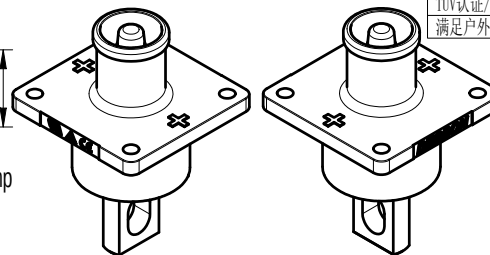
Form 2:



Form 3:



Only in the form of Busbar 3D display:



ESS-250A-70-X-XX-00L(H)

Color: BK : Black Negative Pole
OR : Orange Positive Pole
RD : Red Positive Pole

Contact Termination: B : Busbar
C : Crimp
S : Screw
B/S : Copper Screw

Dimensional tolerance(mm)					0.05/10 ±1'
0	>30	>60	>100	>150	
~30	~60	~100	~150	~150	
±0.20	±0.30	±0.50	±0.70	±1.00	

技术要求/Technical requirements:	
颜色/Color	Black, Orange, Red
锁紧方式/Locking method	卡扣(Buckle)
接线方式/Terminal	Busbar, Screw, Crimp, Copper Screw
外壳材料/Housing material	PA+GF
接触件材料/Connector material	铜合金(Copper alloy)
插入力/Insertion force	100N Max
拔出力/Withdrawal force	>10N
插拔次数/Mechanical working life(mating cycles)	100
安装螺母紧固扭矩/Screw torque	M4/0.4~0.7N.m
接线规格/Wiring specifications	2/0AWG or 70mm²
建议剥线长度/Suggested stripping length	19~21mm (Crimp type)
线径OD/Wire diameter	15.5~17mm(Crimp type)
额定电压/Rated voltage	1500V DC
额定电流/Rated current	250A
绝缘电阻/Insulate resistance	≥5000MΩ (drying)
耐电压/Withstanding voltage	6800V/min
接触电阻/Contact resistance	≤0.5mΩ
过电压等级/Overvoltage category	III
污染等级/Pollution degree	3
防护等级/Ingress protection	IP67 (Mated)
使用温度范围/Operating temperature(°C)	-40~+125(including temperature rise)
盐雾/Salt spray	48H
储存温度/Storage temperature(°C)	-40~+85
阻燃等级/Flame retardant ability	UL94-V0
符合RoHS环保要求/Conform to RoHS	Yes
UL4128认证/UL4128 certification	E526028
TUV认证/TUV certification	50581738
满足户外使用/Satisfy outdoor use	Yes

		MATERIAL:		SURFACE/COLOR:			
MAT NO. /REV:		/		MAT STATUS:			
APPD:	刘剑	2024. 01. 24	NAME				
CHKD:	于进海	2024. 01. 21	ESS-250A-70-X-XX-00L (H)				
DRFT:	张晓璐	2021. 01. 17	DRAWING NO.	TYPE	DRAWING STATUS	SCALE	SHEET
		200269869	CUSTOMER DRAWING			1: 1. 25	1/1

01					
REV	ECN	DESCRIPTION	DRFT	DATE	