

This figure presents a detailed technical drawing of a terminal block assembly, including front, side, and cross-sectional views, accompanied by comprehensive technical specifications and manufacturing details.

Technical Drawing Details:

- Front View:** Shows four terminals with dimensions 7.50XX-2 (top), 7.50 (width between terminals), 15.05 (height), and 7.50(XX-1) (bottom width). A note indicates "2P时只有此卡钩" (Only this hook at 2P).
- Side View:** Shows the profile of the terminal block with dimensions 8.30 (height) and 18.10 (total height).
- Cross-section View:** Shows the internal structure of the terminal block with dimensions 7.50 (width) and 15.05 (height).

REVISION RECORD

REV.	DESCRIPTION	ECN No.	APPROVED	DATE
0	新发行		YaoFei	23.12.21

UL/CUL 技术参数 / UL/CUL Technical Data

等级 / Use Group	B	C	D
额定电压 / Rated Voltage [V]	300	-	300
额定电流 / Rated Current [A]	15	-	10
接线范围 / Wire Range 单/多芯线 / Solid/Stranded [AWG]	28-12		
耐电压 / Withstanding Voltage	1600V/1Min		

IEC 技术参数 / IEC Technical Data

过电压类别 / Overvoltage Category	III	II	I
污染等级 / Contamination Class	3	2	2
额定电压 / Rated Voltage [V]	400	630	1000
额定电流 / Rated Current [A]	15	15	15
额定冲击电压 / Impulse withstand voltage [KV]	6.0	6.0	6.0
导线截面积 / Conductor cross section 硬质/柔性导线 / Solid/flexible [mm²]	0.2-2.5		

一般参数 / Other Data

间距 / Pitch / 极数 / Poles [mm] / [P]	7.5 / 02-24
剥线长度 / Stripping Length [mm]	7~8
螺丝 / Screw/ 扭矩 / Torque(Max) [N.m]	M3/0.5
工作温度 / Operating temperature [°C]	-40~105

符合RoHS环保要求

General Tolerances

variable range	to 6	over 6 to 10	over 10 to 30	over 30 to 60	over 60 to 100	over 100 to 160	over 160 to 100	tolerance	±0.20	±0.30	±0.50	±0.70	±1.00	±1.30	±1.60	0.10	0.30	0.60
tolerance	±0.20	±0.30	±0.50	±0.70	±1.00	±1.30	±1.60	0.10	0.30	0.60								

Part List

ITEM	NAME OF PART	MATERIAL	NOTES
5	Clamp	Copper Alloy	Sn Plated
4	Screw	Steel	M3/Zn Plated
3	Cage	Copper Alloy	M3/Ni Plated
2	Cover	PA66	UL94V-0
1	Housing	PA66	UL94V-0

Manufacturing Information

DES.	YaoFei	DATE	23.12.21	UNITS	mm	THIRD ANGLE PROJECTION	☐
CHK.	YangHJ	DATE	23.12.21	SIZE	A4	TYPE: CUSTOMER DRAWING	SHEET 1 of 1
APP.	JASON	DATE	23.12.21	SCALE	3:1	DRAWING TYPE: SP-03	REV 0

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PART NO.: WJ2EDGK-7.5-XXP-1Y-00A

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