

SINAMICS G120XA 控制单元接线指导

SINAMICS G120XA CU wiring guide

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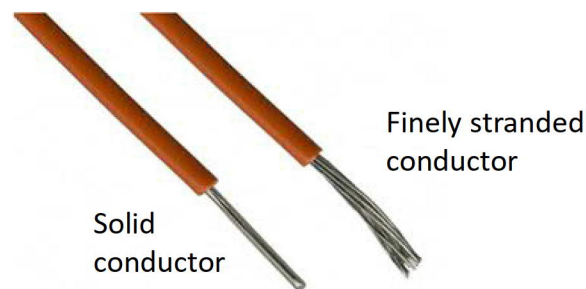
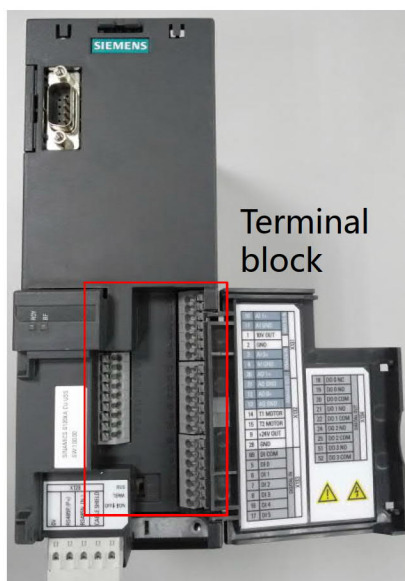
SINAMICS G120XA CU wiring overview

G120XA CU provide fixed terminal block, which support 1.5mm² (AWG 16) wires

It can wiring by the following 3 ways:

- Finely stranded conductor + Insulated terminal
- Finely stranded conductor + Non-Insulated terminal
- Solid conductor without terminal

Cable with twin end sleeves are not permissible

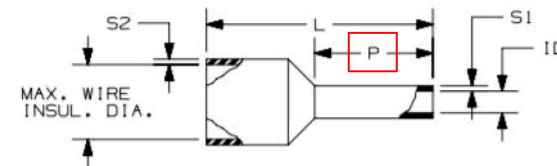


Finely stranded conductor + Insulated terminal



Requirement:

1. Conductor: 0.25(min)~0.5(max)mm²
2. Use matched terminal, Length P 8~9mm, Outer diameter OD<1.5mm



3. Use matched crimping pliers
(Recommended for non-insulated terminal according to DIN 46228 Part 1 and insulated terminal according to DIN 46228 Part 4, 0.25 mm² ... 6.0 mm², lateral entry, trapezoidal crimp)

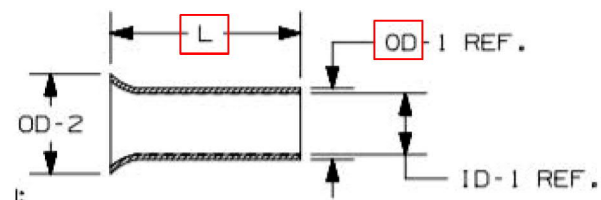


Finely stranded conductor + Non-Insulated terminal



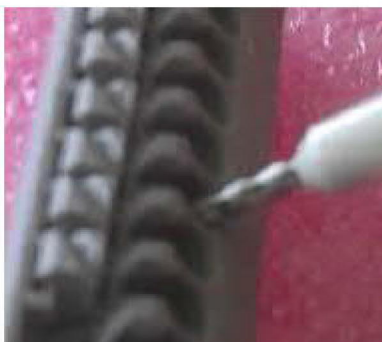
Requirement:

1. Conductor: $0.25(\text{min}) \sim 1(\text{max}) \text{ mm}^2$
2. Use matched terminal, Length L $8 \sim 9 \text{ mm}$, Outer diameter OD-1 $< 1.5 \text{ mm}$



3. Use matched crimping pliers

(Recommended for non-insulated terminal according to DIN 46228 Part 1 and insulated terminal according to DIN 46228 Part 4, $0.25 \text{ mm}^2 \dots 6.0 \text{ mm}^2$, lateral entry, trapezoidal crimp)



Solid conductor without terminal



Requirement:

1. Conductor: 0.2(min)~1.5(max)mm²
2. Recommended wire strip length 8~9mm
3. Wiring step: press the button with screwdriver, then insert the conductor



SIEMENS

**Thank you
very much**

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