

PCMM2G Quick Start Guide

1 Grounding

EN: Ground the controller with a copper braided ground strap.

DE: Erden Sie den Steuerung mit einem kupferumflochtenen Erdungsband.

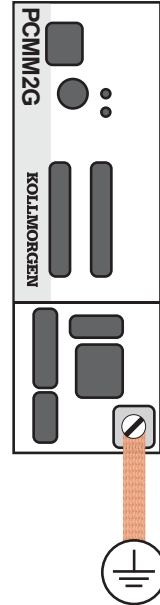
ES: Conecte a tierra el controlador con una correa de tierra trenzada de cobre.

FR: Mettez le contrôleur à la terre à l'aide d'une sangle de mise à la terre tressée en cuivre.

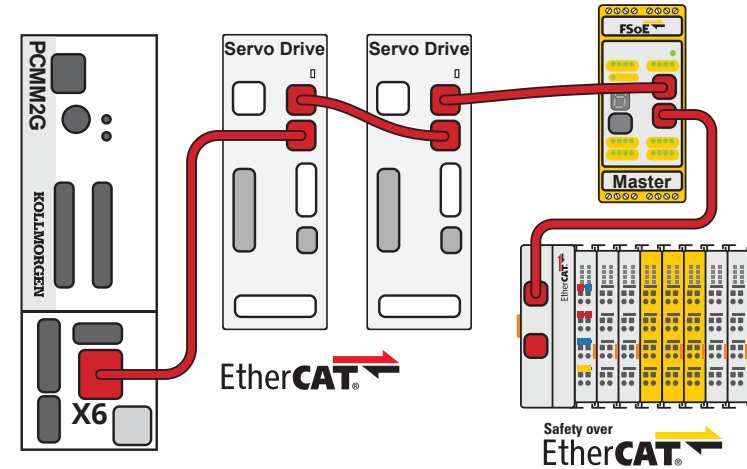
IT: Collegare il controller a terra utilizzando un cavo di messa a terra intrecciato in rame.

PO: Ligue o controlador à terra com uma fita de ligação à terra trançada de cobre.

ZH: 使用铜编织接地带将控制器接地。

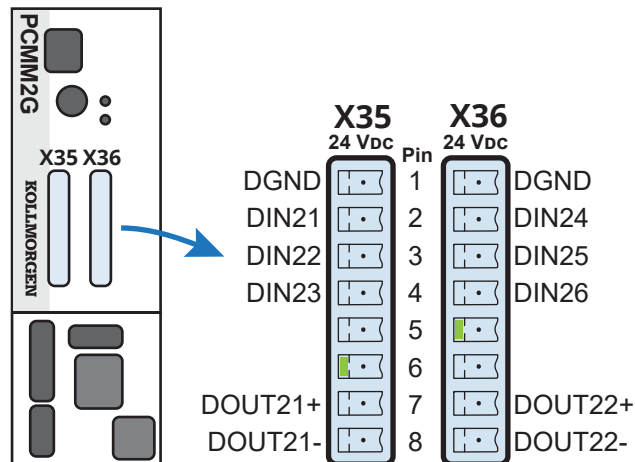


2 EtherCAT Devices



Cabling:
Standard RJ45 CAT5e/CAT6 Shielded Ethernet Cables

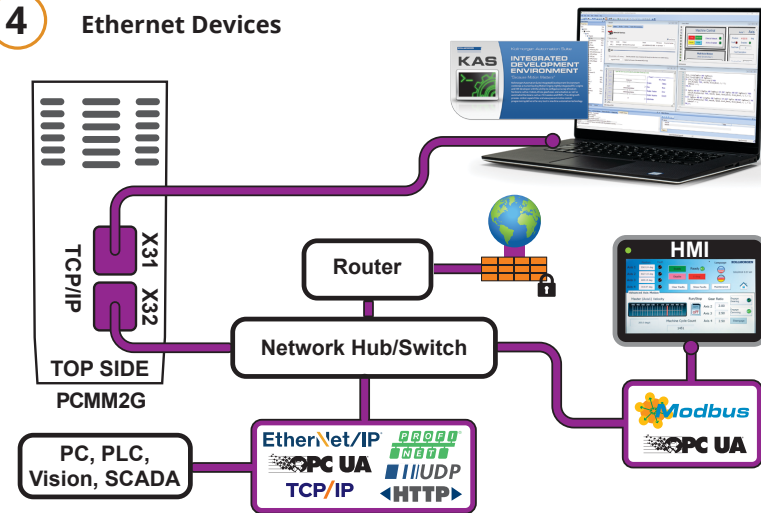
3 IO Connections



Digital Inputs: ON > 15 V (max 15 mA), OFF ≤ 5 V (max 15 mA)

Digital Outputs: Max. 30 Vdc, 100 mA

4 Ethernet Devices



Cabling:
Standard RJ45 CAT5e/CAT6 Shielded Ethernet Cables

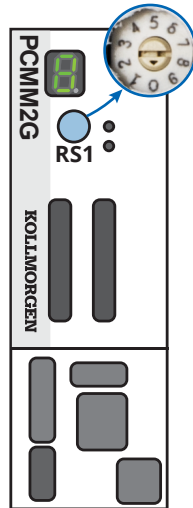
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5 Rotary Switch (RS1)

Adjust IP address if required

RS1	IP Address
0	DHCP / Auto-IP (169.254.x.x)
1	Static (user configurable) (default 192.168.0.101)
2-9	192.168.0.10n (n = RS1 position)

IP Address: Displayed on the 7-segment LED during startup.



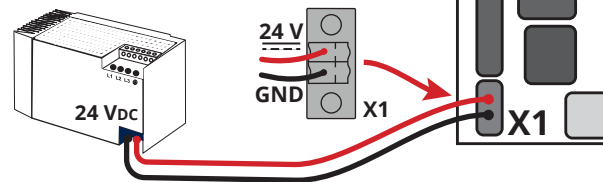
6 Power

Supply:

24 V_{DC} ±10%,
1.25 A (30 W)

Max wire size:
14-24 AWG with ferrule

Recommended wire type:
Single core Flexible Class 5



7 Optional Steps

USB Flash Drive (X37)

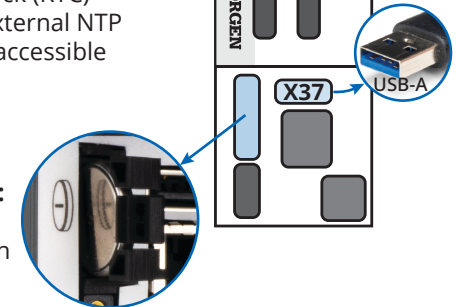
Use to store data, controller backups, and EtherCAT backups

Coin Cell Battery

1. Maintains the system Real-Time Clock (RTC)
2. Required if external NTP server is not accessible

Battery Type:

CR2032,
3 V, ≥ 190 mAh



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Note: Requires registration and login

<https://www.kollmorgen.com/en-us/developer-network/kas-ide-distribution-and-downloads-0>

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<https://www.kollmorgen.com/en-us/developer-network/pcmm2g>

The installation manuals for all revisions of this product are available at [kollmorgen.com](https://www.kollmorgen.com).