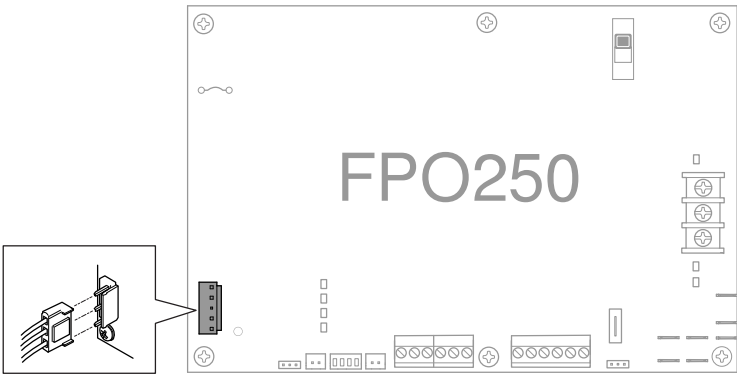


AXIS TA1203

Electrical wiring drawings

AC input

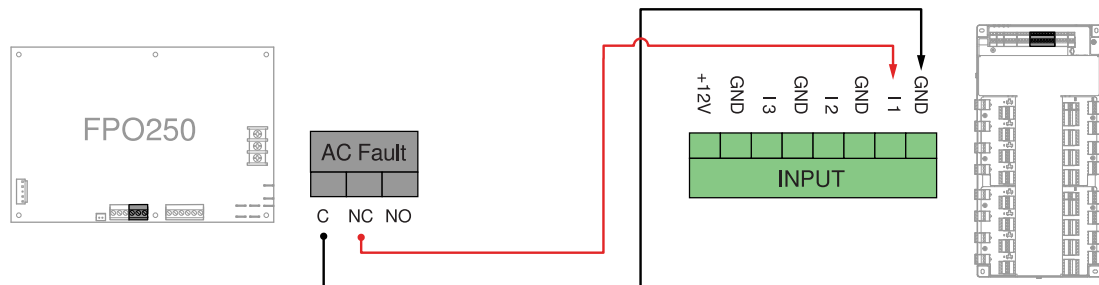
120 VAC	230 VAC
White: neutral	White: phase 2
Green: earth ground	Green: earth ground
Black: hot	Black: phase 1



AC input connection

Fault output connectors

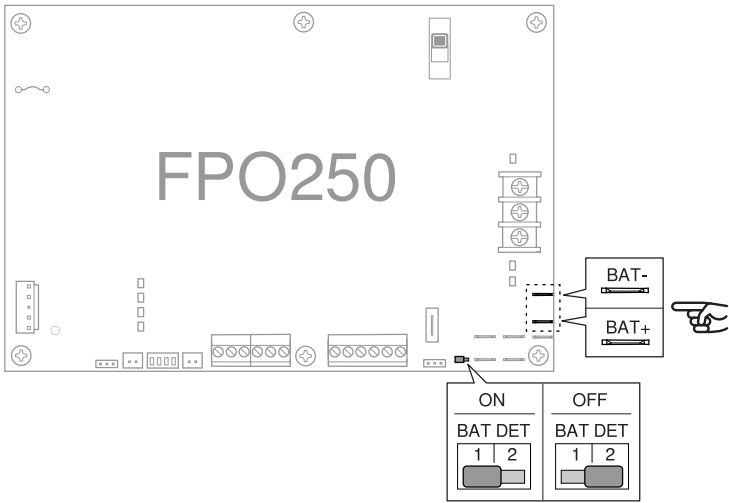
Wire sizes: AWG 22–14, qualified for up to 200 m (656 ft).



AC fault to door controller

Battery connector

The battery wire is included with the enclosure.

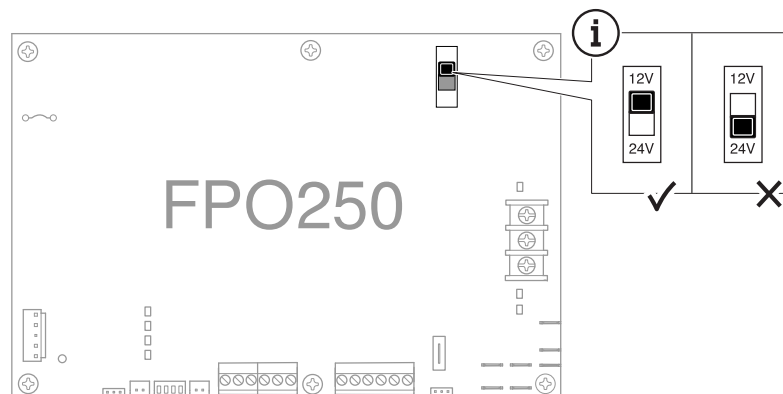


Battery to FPO and battery jumper

Output voltage switch

Important

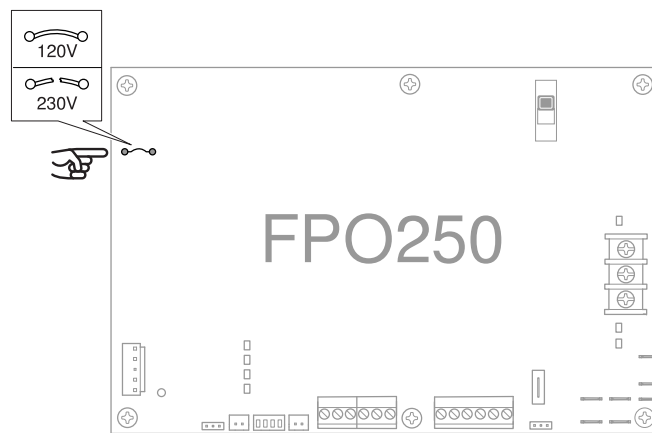
Set the switch to 12V.



AC input voltage jumper

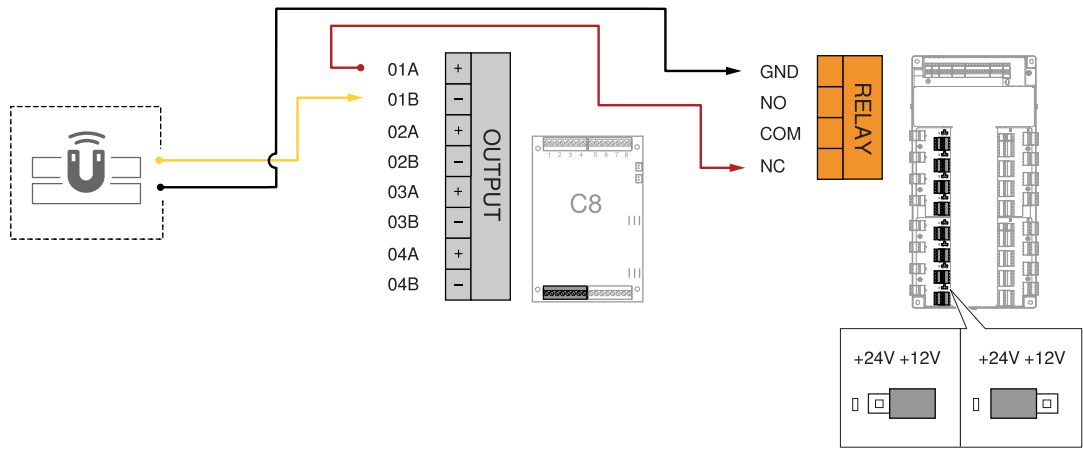
NOTICE

If you use the FPO with a 230 VAC input, make sure the jumper is cut.



Zone outputs

Wire sizes: AWG16–AWG14.



Door relay to C8

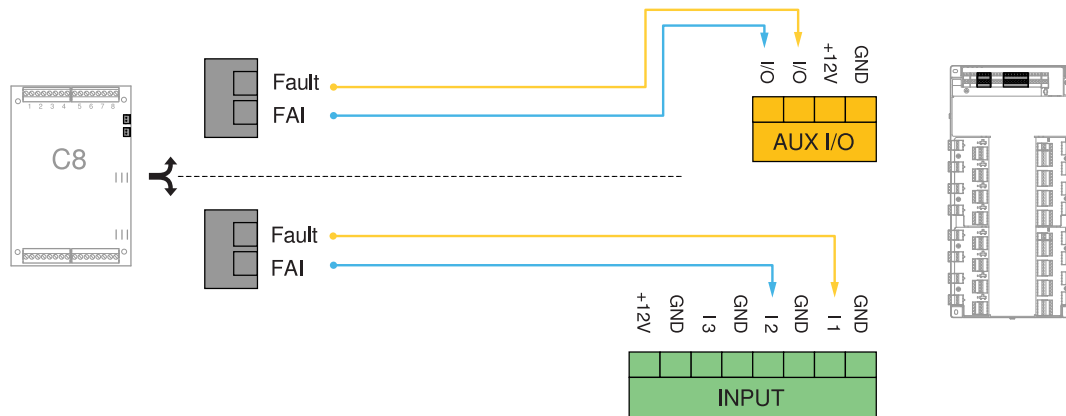
Jumper color	Correct position
Red	Pos 1 (FAI enabled)
Blue	Pos 2 (fail-safe setup)
Black	Pos 1 (dry contacts)
Yellow	Pos 1 (12V power supply)
White	Pos 2 (fail-safe setup)

FlexIO connectors



FlexIO from C8 to FPO

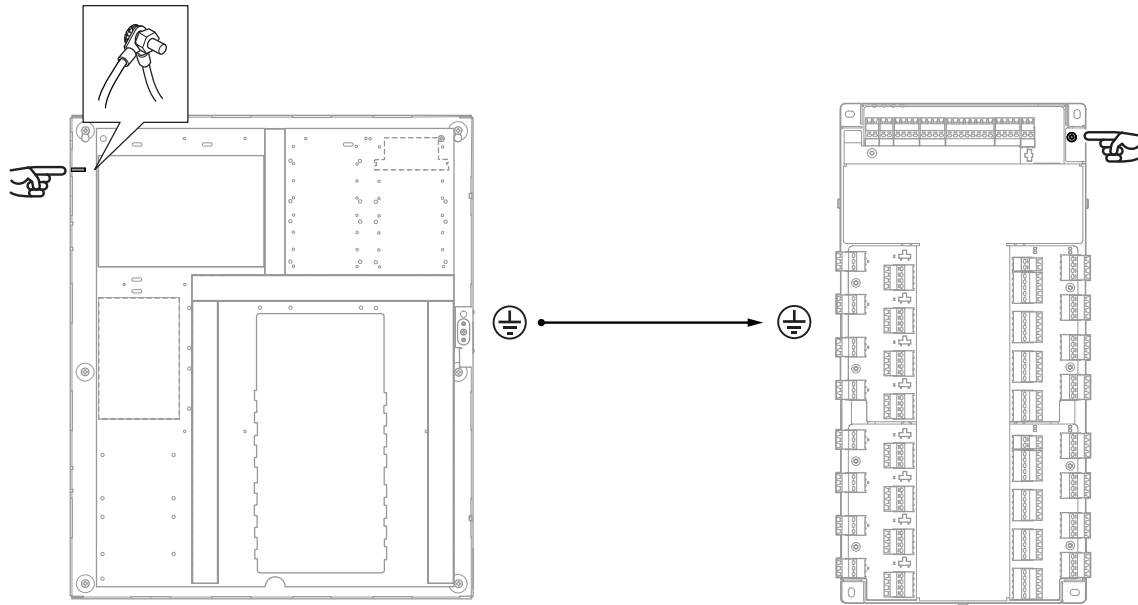
FAI wires are included with the enclosure. Wire sizes for I/Os as inputs in door controller: AWG 24–14, qualified for up to 200 m, (656 ft).



FlexIO from C8 to door controller

Grounding

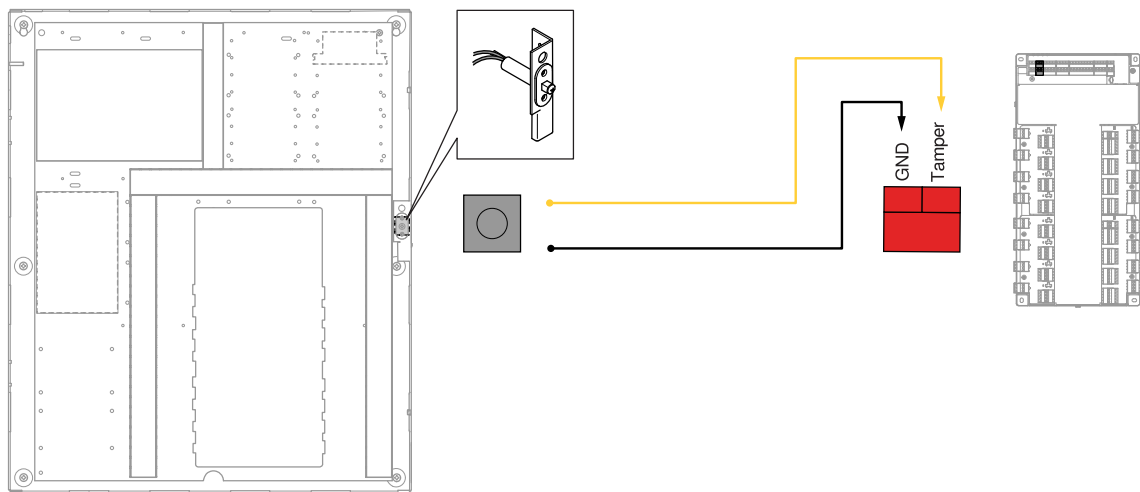
Grounding wire is included with the enclosure.



Door controller to enclosure ground

Tampering switch

Tampering wire is attached to the lock section of the enclosure.



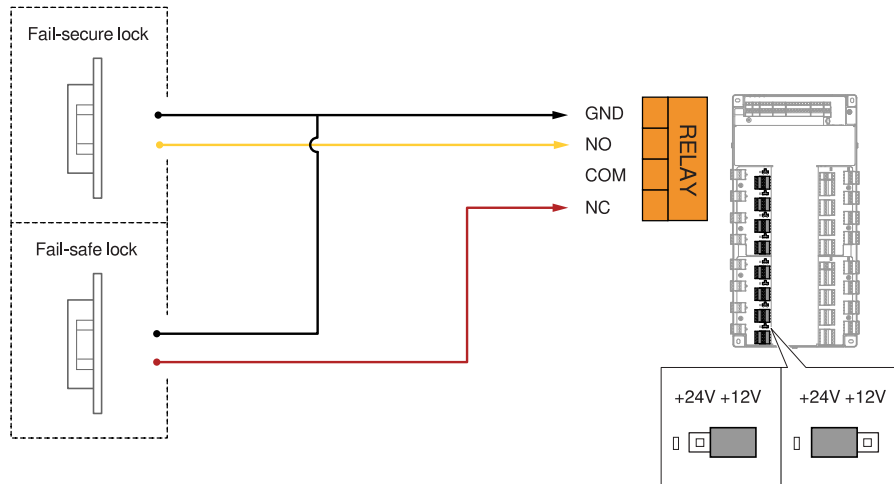
Tampering switch to door controller

Other connections

For electrical wiring drawings and other documentation related to AXIS A18 series, see axis.com/products/axis-a18-series.

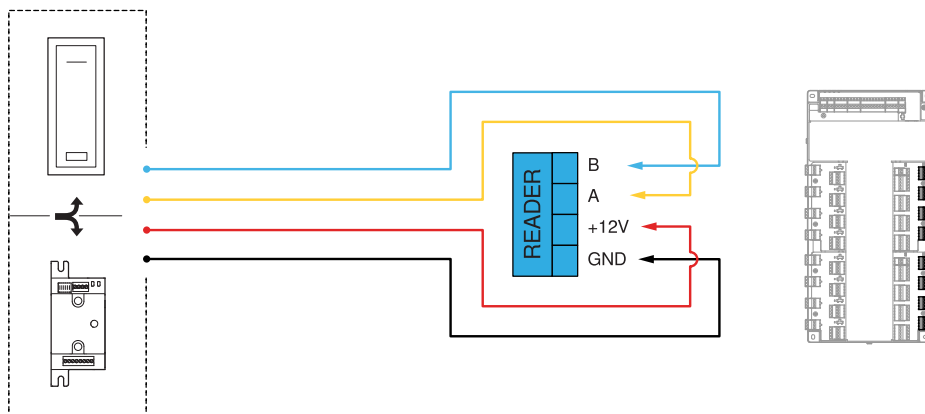
For electrical wiring drawings and other documentation related to AXIS TA1101-B Wiegand to OSDP Converter, see axis.com/products/axis-ta1101-b-wiegand-to-osdp-converter/support#support-resources

Wire sizes for relay: AWG 16–14, qualified for up to 200 m (656 ft).



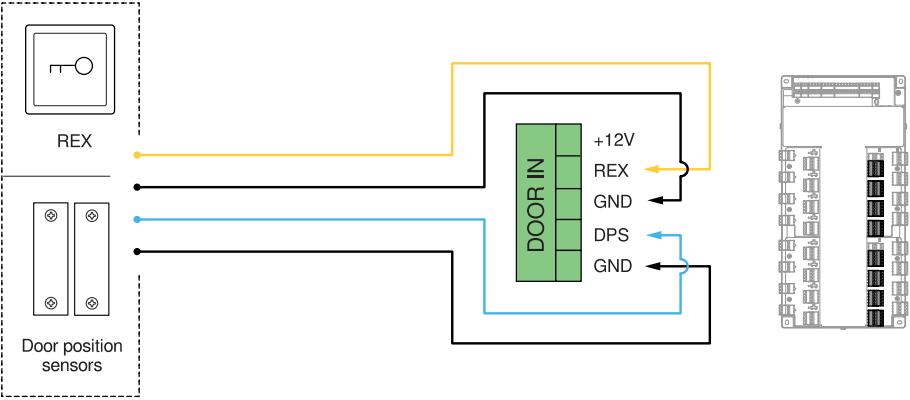
Door relay

Reader powered by door controller (RS485), wire sizes: AWG 22–14), qualified for up to 200 m (656 ft).



Reader

Wire sizes for I/Os as inputs: AWG 24–14, qualified for up to 200 m (656 ft).



Door inputs

T10232362

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