

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

PRODUCT BRAND

Siemens

PRODUCT MODEL

6SL3252-0BB00-0AA0

SINAMICS G120 brake relay with a normally open contact for controlling a motor holding brake.

OFFICIAL SOURCE

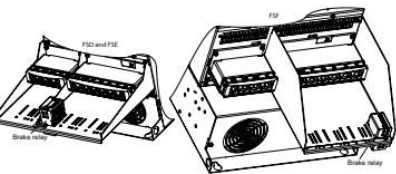
Brake Relay / Safe Brake Relay Compact Hardware Installation Instructions

A5E02344645A AG

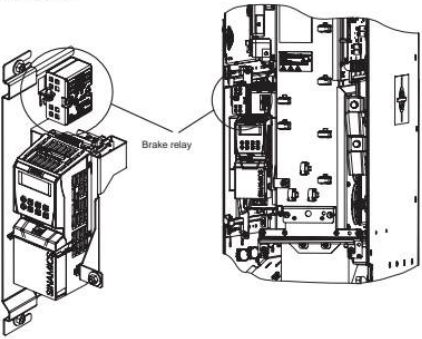
[Open current Siemens source](#)

Fitting the Brake Modules (PM240 / PM250 / PM260)

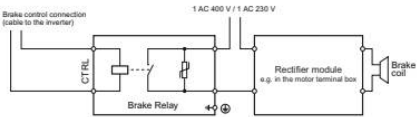
Fitting the Brake Modules (PM240-2 / PM240P-2 / PM250)



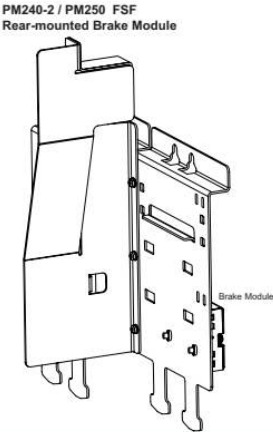
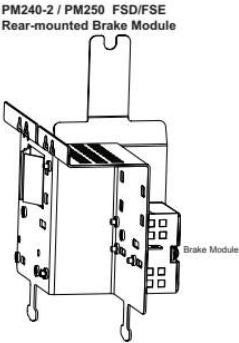
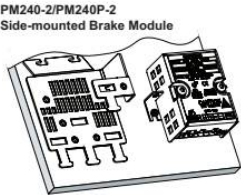
Frame size GX



Brake Relay (with 230 V AC or 400 V AC supply)

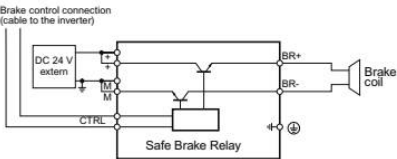


Mean time to failure when controlling Siemens brake is 500,000 operations.
Mit Siemens-Bremsen werden im Mittel 500 000 störungsfreie Schaltvorgänge erreicht.

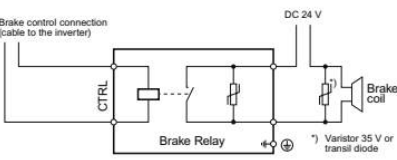


Connection diagrams

Safe Brake Relay (with 24 V DC external supply)

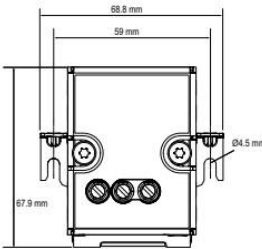
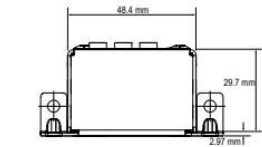


Brake Relay (with 24 V DC external supply)

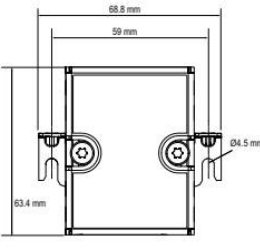
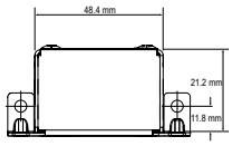


Dimensions

Brake Relay Module



Safe Brake Relay Module





Warning

Danger to life if the safety instructions and installation instructions are not observed

The compact hardware installation instructions only contain the most important information for installing the Brake Relay.

If the safety instructions and installation instructions of the Power Module in the associated documentation are not observed, accidents involving severe injuries or death can occur.

- Observe the safety instructions and installation instructions given in the associated documentation.

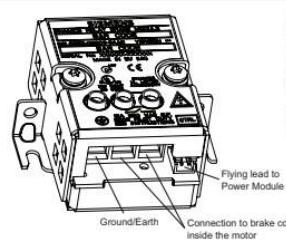
See also <http://support.automation.siemens.com/WW/view/en/30563173/133300> or use the QR Code on the right.



- Note**
- Both Brake relays are fitted to the Termination Screening Kit in the same way. For assembly details, please refer to the diagrams below.
 - For use with Siemens motor brakes. See diagrams for connection details.
- Hinweis**
- Beide Brake relays werden auf die selbe Weise in den Schirmanschlusssatz eingesetzt. Einzelheiten zur Montage können der untenstehenden Grafik entnommen werden.
 - Zum Einsatz mit Siemens-Motor-Bremsen. Details zum Anschließen, siehe Diagramm.

Brake Relay 6SL3252-0BB00-0AA0
Safe Brake Relay 6SL3252-0BB01-0AA0

Brake Relay description

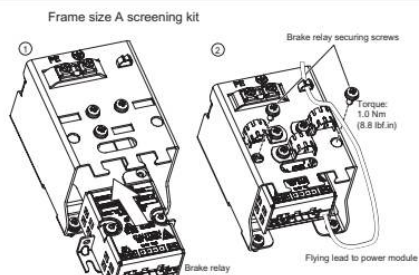


UL approved applications
Ratings: 16 A 250 V AC General purpose
10 FLA 250 V AC Motor rated
4.5 FLA 480 V AC Motor rated
B 300 Pilot duty
1 A 24 V DC

Non UL approved applications:
Ratings: 12 A 30 V DC

Fitting the Brake Modules (PM240 / PM250 / PM260)

Frame size A screening kit



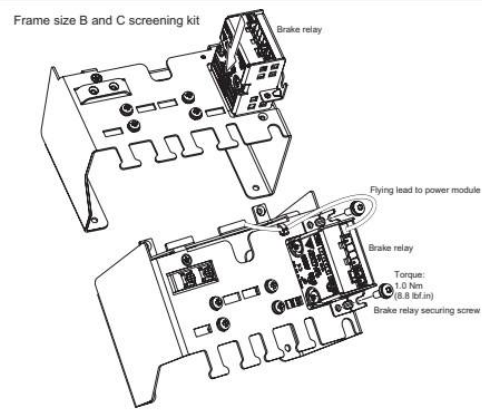
Brake relay securing screws

Torque: 1.0 Nm (8.8 lbf.in)

Flying lead to power module

Brake relay

Frame size B and C screening kit



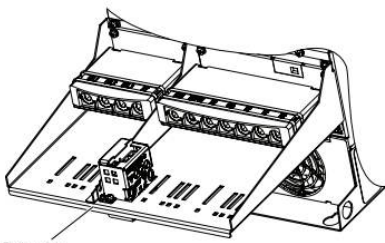
Flying lead to power module

Brake relay

Torque: 1.0 Nm (8.8 lbf.in)

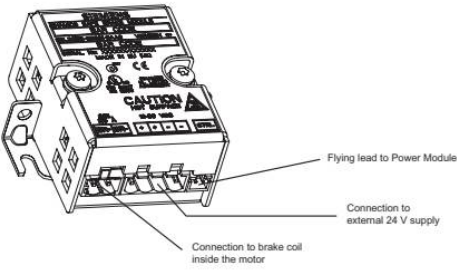
Brake relay securing screw

Frame size D and E



Brake relay

Safe Brake Relay description



Technische Änderungen vorbehalten
Subject to change without prior notice
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