

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS SINAMICS

6SL3351-6GE41-0AB3

CONTROL INTERFACE BOARD

Used with the applicable SINAMICS G power modules configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Siemens manufacturer documentation

SIEMENS

Device manual

SINAMICS

S120

AC Drive

Edition

11/2017

www.siemens.com/drives

8.3.3 Interface description

8.3.3.1 Overview

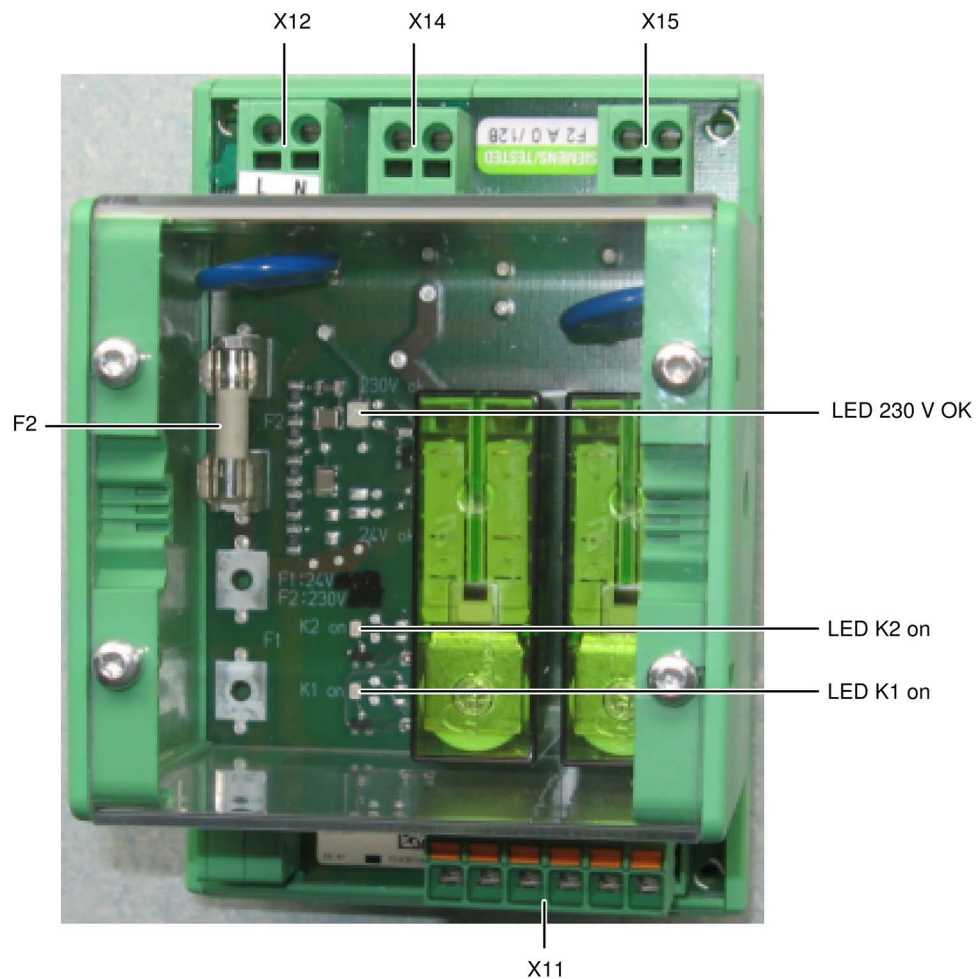


Figure 8-23 Interface overview, Safe Brake Adapter 230 VAC

F2 fuse

Type of spare fuse: 2 A, time-lag

8.3.3.2 X11 interface to the Control Interface Module

Table 8- 25 X11 interface to the Control Interface Module

Terminal	Signal	Description	Technical data
X11.1	BR+	Control channel 1	Connection to Control Interface Board, X46.1
X11.2	BR-	Control channel 2	Connection to Control Interface Board, X46.2
X11.3	FB+	Relay feedback signal	Connection to Control Interface Board, X46.3
X11.4	FB-	Ground of the relay feedback signal	Connection to Control Interface Board, X46.4
X11.5	P24	P24 of the auxiliary voltage to supply the feedback signal	Connection to Control Interface Board, X42.2
X11.6	M	Ground of the auxiliary voltage	Connection to Control Interface Board, X42.3
Max. connectable cross-section: 2.5 mm ² (AWG 14)			



WARNING

Fire due to overheating resulting from excessively long connecting cables

Excessively long power cables can cause overheating of components with resulting fire and smoke development.

- The maximum permissible cable length of 10 m between the 230 V AC Safe Brake Adapter and the Control Interface module must not be exceeded.

Use cable harness (length: 4 m) with article number 6SL3060-4DX04-0AA0.

8.3.3.3 X12 230 V AC power supply

Table 8- 26 X12 230 V AC power supply

Terminal	Signal	Technical data
X12.1	L	Supply voltage: AC 230 V Current consumption: 2 A, protection according to IEC 60269-1, operating class gG
X12.2	N	
Max. connectable cross-section: 2.5 mm ² (AWG 14)		

8.3.3.4 X14 load connection

Table 8- 27 X14 load connection

Terminal	Signal	Technical data
X14.1	BR L	Supply voltage: AC 230 V Current consumption: 2 A, only for brakes with brake rectifier
X14.2	BR N	
Max. connectable cross-section: 2.5 mm ² (AWG 14)		