

ACS607

Product Information Addendum to Hardware Manual

A Introduction

The data provided in this addendum is in addition to the data in the existing ACS 604/7 Hardware Manual (ABB document 3AUA489002B4974 R0101 REV A, Effective: 10/1/98). This addendum provides information concerning the fuses provided with your ACS 607 unit and the recommended power cable terminations to maintain a UL-approved ACS 607 installation.

B Power and Ground Cable Terminations

Note: The data in this section is provided in addition to the data on pages A7-A9 of the Hardware Manual.

All ACS 607 input and output connections require the customer to provide their own cable lugs for connection to the drive. You may use a single hole ABB Controls lug or a UL/UR approved equivalent lug from the vendor of your choice.

ABB 604/607 Types	Manufacturer	Model Number	Recommended Wire Size*
ACS 607-0100-3/0120-4/0120-5/0100-6	ABB Control	OZXA-25	6AWG-300kcmil
ACS 607-0120-3/0140-4/0140-5/0120-6	ABB Control	OZXA-26	2AWG-600kcmil
ACS 607-0140-3/0170-4/0170-5/0140-6	ABB Control	OZXA-26	2AWG-600kcmil
ACS 607-0170-3/0210-4/0210-5/0170-6	ABB Control	OZXA-26	2AWG-600kcmil
ACS 607-0210-3/0260-4/0260-5/0210-6	ABB Control	OZXA-26	2AWG-600kcmil
ACS 607-0260-3/0320-4/0320-5/0260-6	ABB Control	OZXA-27	(2) 2AWG-600kcmil
ACS 607-0320-3/0400-4/0400-5/0320-6	ABB Control	OZXA-27	(2) 2AWG-600kcmil
ACS 607-0400-3/0490-5/0490-6	ABB Control	OZXA-27	(2) 2AWG-600kcmil
ACS 607-0490-3/0610-5/0610-6	ABB Control	OZXA-27	(2) 2AWG-600kcmil
ACS 607-0610-3/0760-5/0760-6	ABB Control	OZXA-27	(2) 2AWG-600kcmil

* If a larger or smaller wire is necessary, use a UL/UR approved equivalent lug.

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C Replacement Fuses

Note: The data in this section is provided in addition to the data on pages A5 and A6 of the Hardware Manual.

The table on page A6 of the Hardware Manual lists the smallest recommended fuse available from Bussman for each drive model. These are not necessarily the fuses that were provided with your drive. The information in the Hardware Manual is provided for purchasers of 604 modules. The smallest fuse sizes were listed to allow the most compact ACS 604 installation. The following table lists the required fuse sizes for an ACS 607 with UL approval. These fuses are necessary to maintain your unit's UL approval rating. A label has been placed inside your drive's enclosure door listing the replacement fuse sizes required to maintain UL approval.

ABB 604/607 Types	Manufacturer	Type DIN 43653 Fuse (Hook and Slot Style) Model Number
ACS 607-0100-3/0120-4/0120-5/0100-6	Bussmann	170M1370
ACS 607-0120-3/0140-4/0140-5/0120-6	Bussmann	170M3169
ACS 607-0140-3/0170-4/0170-5/0140-6	Bussmann	170M3169
ACS 607-0170-3/0210-4/0210-5/0170-6	Bussmann	170M5161
ACS 607-0210-3/0260-4/0260-5/0210-6	Bussmann	170M5163
ACS 607-0260-3/0320-4/0320-5/0260-6	Bussmann	170M5013
ACS 607-0320-3/0400-4/0400-5/0320-6	Bussmann	170M6012
ACS 607-0400-3/0490-3/0490-5/0610-5	Bussmann	170M5813*
ACS 607-0610-3/0760-5	Bussmann	170M6812*
ACS 607-0490-6	Bussmann	170M3819*
ACS 607-0610-6/0760-6	Bussmann	170M5811*

Note: Fuses designated with an * are Type DIN 43620 Stab-In Style Fuses, **NOT** Type DIN 43653 Hook and Slot Style Fuses.