



Manufacturer's Statement

Handled by
Janne Davidsainen

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ACS350 and ACS355 Group Fusing and UL

Fuse dimensioning for ACS350 and 355 is based on drive input current rating and supply cable recommendation. Safety related tests are done for each frame with biggest drive size and fuse size recommendation / frame.

ACS 350 and ACS355 verification for US specific safety requirements is based on UL508C - Standard for Power Conversion Equipment updated on 2004. This standard does not give any definitions or limitations for group fusing where wiring for several drives and motors is protected by one fuse. For this reason several ACS350 and ACS355 drives can be installed by using one fuse for wiring protection.

Maximum allowed fuse sizes for ASC350/355 400V series are as following:

Frames R0 and R1 0,37kW - 4kW: 20A gG / 25A UL Class T (600V)

Frame R3 5,5kW – 11kW: 50A gG / 50A UL Class T (600V)

Frame R4 15kW – 22kW: 100A gG / 100A UL Class T (600V)

Janne Davidsainen
Technical Manager
ABB Oy

ABB Oy

Postal Address:
Drives
P.O.Box 184
FIN-00381 Helsinki, Finland

Street Address:
Drives
Hiomotie 13
FIN-00380 Helsinki, Finland

Telephone:
+358 10 2211
Telefax:
+358 10 22 xxxxx

Internet:
www.abb.fi
e-mail:
first name.last name
@fi.abb.com

Business Identity Code:
0763403-0
Domicile: Helsinki