ACS800 COOLING INVERTER

Product Data Sheet

AFIN-01C 64693808D

Fan inverter circuit board

FAN INVERTER POWER CLASS	MODULE DIAGRAM POSITION	CONTROL-SUPPLY LED	RUNNING INDICATION
1 kW	**A432**	**V13 green: 5 V supply OK**	**V14 green**

ABB AFIN-01C 64693808D is the fan inverter board used in the applicable ACS800 cooling circuit. ABB identifies AFIN-01C as a 1 kW fan inverter at diagram position A432, working with the separate AFPS-11C fan supply and the converter cooling fan.

01 TECHNICAL DATA

Fan inverter power class	1 kW
Module diagram position	A432
Control-supply LED	V13 green: 5 V supply OK
Running indication	V14 green
Thermal-switch indication	V15 yellow: motor thermal switch open
Overcurrent indication	V16 red: motor overcurrent

ABB ACS800-67 Hardware Manual, pages 29 and 86; AFIN-01C layout and fan-inverter indications.

02 ADDITIONAL PRODUCT DATA

The documented AFIN-01 status indications separate control power, running state, thermal-switch state and motor overcurrent. V13 is green when the 5 V board supply is present, V14 reports running, V15 is yellow when the motor thermal switch is open, and V16 is red for motor overcurrent. These circuit indications support cooling diagnosis without implying an unverified general-purpose output rating.

03 PRODUCT FUNCTION

Match AFIN-01C to the A432 cooling-inverter position of the applicable converter. Its documented 1 kW role is separate from the AFPS-11C fan supply at A433, so both board identities and their connecting circuit should be retained.

04 SYSTEM COMPATIBILITY

Keep the fan motor and thermal-switch connections consistent with the installed cooling arrangement. The thermal input is part of the diagnostic path and must not be bypassed merely to clear a cooling indication.

05 REFERENCE

ABB ACS800-67 Hardware Manual, pages 29 and 86; AFIN-01C layout and fan-inverter indications.

AMIKON PRODUCT SUPPORT

+86-18020776786 INFO@AMIKON.CN **AMIKONG.COM**