

Soft Panel for Airbus A350**Avionic Standards for ABD0100.1.8.1 Power Group Supports Test Items**

- ◆ SCF (Single Phase, 400Hz Constant Frequency, 115V)
- ◆ TCF (Three Phase, 400Hz Constant Frequency, 115V)
- ◆ SVF (Single Phase, Variable Frequency, 115V)
- ◆ TVF (Three Phase, Variable Frequency, 115V)
- ◆ SCFH (Single Phase, 400Hz Constant Frequency, 230V)
- ◆ TCFH (Three Phase, 400Hz Constant Frequency, 230V)
- ◆ SVFH (Single Phase, variable Frequency, 230V)
- ◆ TVFH (Three Phase, Variable Frequency, 230V)
- ◆ LDC (Low Voltage, DC, 28V)

◆ **SCF (Single Phase, 400Hz Constant Frequency, 115V)**

SCF101	Steady-state voltage and frequency
SCF102	Voltage transient
SCF103	Voltage modulation
SCF105	Current distortion
SCF109	Inrush current
SCF110	Frequency modulation
SCF111	Voltage DC content
SCF112	Voltage modulation due to equipment
SCF201	Steady-state voltage and frequency
SCF202	Voltage transients
SCF203	Voltage modulation
SCF401	Transparency time
SCF402	Voltage switching transients 1
SCF403	Voltage switching transients 2

◆ **TCF (Three Phase, 400Hz Constant Frequency, 115V)**

TCF101	Steady-state voltage and frequency
TCF102	Voltage transient
TCF103	Voltage modulation
TCF105	Current distortion
TCF109	Inrush current
TCF110	Frequency modulation
TCF111	Voltage DC content
TCF112	Voltage modulation due to equipment
TCF201	Steady-state voltage and frequency
TCF202	Voltage transients
TCF203	Voltage modulation
TCF401	Transparency time
TCF402	Voltage switching transients 1
TCF403	Voltage switching transients 2

◆ **SVF (Single Phase, Variable Frequency, 115V)**

SVF101	Steady-state voltage and frequency
SVF102	Voltage transient
SVF103	Voltage modulation
SVF105	Current distortion
SVF109	Inrush current
SVF110	Frequency variations
SVF111	Frequency modulation
SVF112	Voltage DC content
SVF113	Voltage modulation due to equipment
SVF201	Steady-state voltage and frequency
SVF202	Voltage transients
SVF203	Voltage modulation
SVF301	Emergency Limits for Voltage and Frequency
SVF302	Voltage distortion 1
SVF304	Voltage distortion transient
SVF305	inrush current
SVF306	Frequency variations
SVF307	Voltage modulation due to equipment
SVF401	Transparency time
SVF402	Voltage switching transients 1
SVF403	Voltage switching transients 2
SVF404	Voltage switching transients with frequency change

◆ TVF (Three Phase, Variable Frequency, 115V)

TVF101	Steady-state voltage and frequency
TVF102	Voltage transient
TVF103	Voltage modulation
TVF105	Current distortion
TVF109	Inrush current
TVF110	Frequency variations
TVF111	Frequency modulation
TVF112	Voltage DC content
TVF113	Voltage modulation due to equipment
TVF115	Voltage unbalance transient
TVF201	Steady-state voltage and frequency
TVF202	Voltage transients
TVF203	Voltage modulation
TVF301	Emergency Limits for Voltage and Frequency
TVF302	Voltage distortion 1
TVF304	Voltage distortion transient
TVF305	inrush current
TVF306	Frequency variations
TVF307	Voltage modulation due to equipment
TVF401	Transparency time
TVF402	Voltage switching transients 1
TVF403	Voltage switching transients 2
TVF404	Voltage switching transients with frequency change

◆ **SCFH (Single Phase, 400Hz Constant Frequency, 230V)**

SCFH101	Steady-state voltage and frequency
SCFH102	Voltage transient
SCFH103	Voltage modulation
SCFH105	Current distortion
SCFH109	Inrush current
SCFH110	Frequency modulation
SCFH111	Voltage DC content
SCFH112	Voltage modulation due to equipment
SCFH201	Steady-state voltage and frequency
SCFH202	Voltage transients
SCFH203	Voltage modulation
SCFH401	Transparency time
SCFH402	Voltage switching transients 1
SCFH403	Voltage switching transients 2

◆ **TCFH (Three Phase, 400Hz Constant Frequency, 230V)**

TCFH101	Steady-state voltage and frequency
TCFH102	Voltage transient
TCFH103	Voltage modulation
TCFH105	Current distortion
TCFH109	Inrush current
TCFH110	Frequency modulation
TCFH111	Voltage DC content
TCFH112	Voltage modulation due to equipment
TCFH201	Steady-state voltage and frequency
TCFH202	Voltage transients
TCFH203	Voltage modulation
TCFH401	Transparency time
TCFH402	Voltage switching transients 1
TCFH403	Voltage switching transients 2

◆ **SVFH (Single Phase, variable Frequency, 230V)**

SVFH101	Steady-state voltage and frequency
SVFH102	Voltage transient
SVFH103	Voltage modulation
SVFH105	Current distortion
SVFH109	Inrush current
SVFH110	Frequency variations
SVFH111	Frequency modulation
SVFH112	Voltage DC content
SVFH113	Voltage modulation due to equipment
SVFH201	Steady-state voltage and frequency
SVFH202	Voltage transients
SVFH203	Voltage modulation
SVFH301	Emergency Limits for Voltage and Frequency
SVFH302	Voltage distortion 1
SVFH304	Voltage distortion transient
SVFH305	inrush current
SVFH306	Frequency variations
SVFH307	Voltage modulation due to equipment
SVFH401	Transparency time
SVFH402	Voltage switching transients 1
SVFH403	Voltage switching transients 2
SVFH404	Voltage switching transients with frequency change

◆ TVFH (Three Phase, Variable Frequency, 230V)

TVFH101	Steady-state voltage and frequency
TVFH102	Voltage transient
TVFH103	Voltage modulation
TVFH105	Current distortion
TVFH109	Inrush current
TVFH110	Frequency variations
TVFH111	Frequency modulation
TVFH112	Voltage DC content
TVFH113	Voltage modulation due to equipment
TVFH115	Voltage unbalance transient
TVFH201	Steady-state voltage and frequency
TVFH202	Voltage transients
TVFH203	Voltage modulation
TVFH301	Emergency Limits for Voltage and Frequency
TVFH302	Voltage distortion 1
TVFH304	Voltage distortion transient
TVFH305	inrush current
TVFH306	Frequency variations
TVFH307	Voltage modulation due to equipment
TVFH401	Transparency time
TVFH402	Voltage switching transients 1
TVFH403	Voltage switching transients 2
TVFH404	Voltage switching transients with frequency change

◆ **LDC (Low Voltage, DC, 28V)**

LDC101	Steady state voltage
LDC102	Voltage transient
LDC105	Inrush current
LDC106	Voltage variation due to APU starting
LDC201	Steady state voltage
LDC202	Voltage transient
LDC301	Steady state voltage
LDC303	Inrush current
LDC401	Transparency time
LDC501	Power line disconnection

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