GENESYS™ 1.7kW

EMI

DATA

DWG: IA845-58-02		
APPD	CHK	DWG
Sergey.K 4/9/2018	Uri M 4/9/2018	MICHAEL G. 4.9.2018

TDK-LAMBDA

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The above data is typical value data.
The values are considered to be actual capability data.

1.Test Method

(1) Conducted Emission

EMI TEST RECEIVER	ESPI	(ROHDE & SCHWARZ)
LISN	ENV4200	(ROHDE & SCHWARZ)

(2) Radiated Emission

SPECTRUM ANALYZER	MS2601A	(ANRITSU)
EMI TEST RECEIVER	85462A	(HEWLETT. PACKARD)
BICONICAL ANTENNA	3110BA30/200	(EMCO)
LOG-PERIODIC ANTENNA	LP200000	(ELECTROMETRIX)
	LPA2530	(ELECTROMETRIX)

2. Test Data

2.1 Conducted Emission

MODEL: G10-170 1P

(1) Test condition

Input voltage/frequency: 1PHASE 100VAC/50Hz
Output current: 100%
Output voltage: 100%
Ambient temperature: 25℃
Regulation: FCC Class B, IEC61204-3

(2) Test results

Under the above test condition, emission level was below the limit line.
Refer to the following interference wave list and next page for spectrum data.

Inteference wave list

FCC Class B, IEC61204-3				
PHASE	FREQ	RESULT	LIMIT	MARGIN
		AV	AV	AV
	MHz	dBµV	dBµV	dBµV
L	0.23685	45.37	52.21	6.84
N	0.23708	44.33	52.20	7.87

2.1 Conducted Emission

MODEL: G10-170 1P

Vin: 1PHASE 100VAC
Iout: 100%
Vout: 100%
Ta: 25℃

Line

Neutral

2. Test Data

2.1 Conducted Emission

MODEL: G10-170 1P

(1) Test condition

Input voltage/frequency: 1PHASE 230VAC/50Hz
Output current: 100%
Output voltage: 100%
Ambient temperature: 25℃
Regulation: FCC Class B, IEC61204-3

(2) Test results

Under the above test condition, emission level was below the limit line.
Refer to the following interference wave list and next page for spectrum data.

Inteference wave list

FCC Class B, IEC61204-3				
PHASE	FREQ	RESULT	LIMIT	MARGIN
		AV	AV	AV
	MHz	dBµV	dBµV	dBµV
L	0.23708	45.19	52.20	7.01
N	0.23708	44.43	52.20	7.77

2. Test Data

2.1 Conducted Emission

MODEL: G10-170 1P

Conditions: Vin: 1PHASE 230VAC
Iout: 100%
Vout: 100%
Ta: 25℃

Line

Neutral

2. Test Data

2.1 Conducted Emission

MODEL: G60-28 1P

(1) Test condition

Input voltage/frequency: 1PHASE 100VAC/50Hz
Output current: 100%
Output voltage: 100%
Ambient temperature: 25℃
Regulation: FCC Class B, IEC61204-3

(2) Test results

Under the above test condition, emission level was below the limit line.
Refer to the following interference wave list and next page for spectrum data.

Inteference wave list

FCC Class B, IEC61204-3				
PHASE	FREQ	RESULT	LIMIT	MARGIN
		AV	AV	AV
	MHz	dBµV	dBµV	dBµV
L	0.18971	43.61	54.05	10.44
N	0.23685	43.80	52.21	8.41

2.1 Conducted Emission

MODEL: G60-28 1P

Conditions: Vin: 1PHASE 100VAC
Iout: 100%
Vout: 100%
Ta: 25℃

Line

Neutral

2. Test Data

2.1 Conducted Emission

MODEL: G60-28 1P

(1) Test condition

Input voltage/frequency: 1PHASE 230VAC/50Hz
Output current: 100%
Output voltage: 100%
Ambient temperature: 25℃
Regulation: FCC Class B, IEC61204-3

(2) Test results

Under the above test condition, emission level was below the limit line.
Refer to the following interference wave list and next page for spectrum data.

Inteference wave list

FCC Class B, IEC61204-3				
PHASE	FREQ	RESULT	LIMIT	MARGIN
		AV	AV	AV
	MHz	dBµV	dBµV	dBµV
L	0.18877	42.92	54.09	11.17
N	0.23708	43.28	52.20	8.92

2. Test Data

2.1 Conducted Emission

MODEL: G60-28 1P

Conditions: Vin: 1PHASE 230VAC
Iout: 100%
Vout: 100%
Ta: 25℃

Line

Neutral

2. Test Data

2.1 Conducted Emission

MODEL: G150-11.2 1P

(1) Test condition

Input voltage/frequency: 1PHASE 100VAC/50Hz
Output current: 100%
Output voltage: 100%
Ambient temperature: 25℃
Regulation: FCC Class B, IEC61204-3

(2) Test results

Under the above test condition, emission level was below the limit line.
Refer to the following interference wave list and next page for spectrum data.

Inteference wave list

FCC Class B, IEC61204-3				
PHASE	FREQ	RESULT	LIMIT	MARGIN
		AV	AV	AV
	MHz	dBµV	dBµV	dBµV
L	26.00536	43.60	50.00	6.40
N	26.00536	42.62	50.00	7.38

2.1 Conducted Emission

MODEL: G150-11.2 1P

Conditions: Vin: 1PHASE 100VAC
Iout: 100%
Vout: 100%
Ta: 25℃

Line

Neutral

2. Test Data

2.1 Conducted Emission

MODEL: G150-11.2 1P

(1) Test condition

Input voltage/frequency: 1PHASE 230VAC/50Hz
Output current: 100%
Output voltage: 100%
Ambient temperature: 25℃
Regulation: FCC Class B, IEC61204-3

(2) Test results

Under the above test condition, emission level was below the limit line.
Refer to the following interference wave list and next page for spectrum data.

Inteference wave list

FCC Class B, IEC61204-3				
PHASE	FREQ	RESULT	LIMIT	MARGIN
		AV	AV	AV
	MHz	dBµV	dBµV	dBµV
L	26.00536	43.63	50.00	6.37
N	26.00536	42.68	50.00	7.32

2. Test Data

2.1 Conducted Emission

MODEL: G150-11.2 1P

Conditions: Vin: 1PHASE 230VAC
Iout: 100%
Vout: 100%
Ta: 25℃

Line

Neutral

2. Test Data

2.1 Conducted Emission

MODEL: G600-2.8 1P

(1) Test condition

Input voltage/frequency: 1PHASE 100VAC/50Hz
Output current: 100%
Output voltage: 100%
Ambient temperature: 25℃
Regulation: FCC Class B, IEC61204-3

(2) Test results

Under the above test condition, emission level was below the limit line.
Refer to the following interference wave list and next page for spectrum data.

Inteference wave list

FCC Class B, IEC61204-3				
PHASE	FREQ	RESULT	LIMIT	MARGIN
		AV	AV	AV
	MHz	dBµV	dBµV	dBµV
L	29.08570	42.36	50.00	7.64
N	0.23756	46.61	52.18	5.57

2. Test Data

2.1 Conducted Emission

MODEL: G600-2.8 1P

Conditions: Vin: 1PHASE 100VAC
Iout: 100%
Vout: 100%
Ta: 25℃

Line

Neutral

2. Test Data

2.1 Conducted Emission

MODEL: G600-2.8 1P

(1) Test condition

Input voltage/frequency: 1PHASE 230VAC/50Hz
Output current: 100%
Output voltage: 100%
Ambient temperature: 25℃
Regulation: FCC Class B, IEC61204-3

(2) Test results

Under the above test condition, emission level was below the limit line.
Refer to the following interference wave list and next page for spectrum data.

Inteference wave list

FCC Class B, IEC61204-3				
PHASE	FREQ	RESULT	LIMIT	MARGIN
		AV	AV	AV
	MHz	dBµV	dBµV	dBµV
L	29.08570	42.40	50.00	7.60
N	0.23708	45.71	52.20	6.49

2. Test Data

2.1 Conducted Emission

MODEL: G600-2.8 1P

Conditions: Vin: 1PHASE 230VAC
Iout: 100%
Vout: 100%
Ta: 25℃

Line

Neutral

2. Test Data

2.2 Radiated Emission

MODEL: G10-170 1P

Conditions: Vin: 1PHASE 100VAC
Iout: 100%
Vout: 100%
Ta: 25℃

HORIZONTAL

VERTICAL

2.2 Radiated Emission

MODEL: G10-170 1P

Conditions: Vin: 1PHASE 230VAC
Iout: 100%
Vout: 100%
Ta: 25℃

HORIZONTAL

VERTICAL

2. Test Data

2.2 Radiated Emission

MODEL: G60-28 1P

Conditions: Vin: 1PHASE 100VAC
Iout: 100%
Vout: 100%
Ta: 25℃

HORIZONTAL

VERTICAL

2.2 Radiated Emission

MODEL: G60-28 1P

Conditions: Vin: 1PHASE 230VAC
Iout: 100%
Vout: 100%
Ta: 25℃

HORIZONTAL

VERTICAL

2. Test Data

2.2 Radiated Emission

MODEL: G150-11.2 1P

Conditions: Vin: 1PHASE 100VAC
Iout: 100%
Vout: 100%
Ta: 25℃

HORIZONTAL

VERTICAL

2.2 Radiated Emission

MODEL: G150-11.2 1P

Conditions: Vin: 1PHASE 230VAC
Iout: 100%
Vout: 100%
Ta: 25℃

HORIZONTAL

VERTICAL

2. Test Data

2.2 Radiated Emission

MODEL: G600-2.8 1P

Conditions: Vin: 1PHASE 100VAC
Iout: 100%
Vout: 100%
Ta: 25℃

HORIZONTAL

VERTICAL

2.2 Radiated Emission

MODEL: G600-2.8 1P

Conditions: Vin: 1PHASE 230VAC
Iout: 100%
Vout: 100%
Ta: 25℃

HORIZONTAL

VERTICAL