

Engineering Product Specification

RL11 Series

VER: D



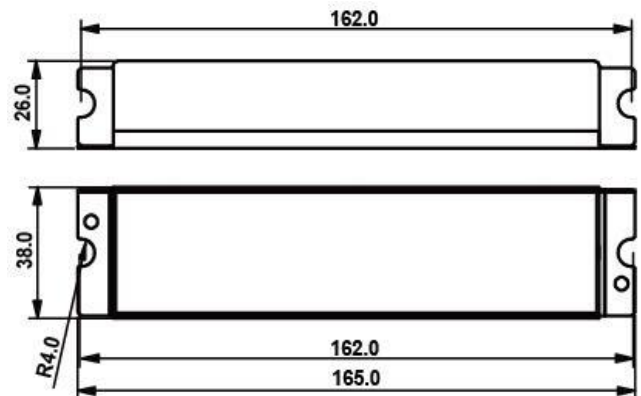
Features

- ⇒ Instant start
- ⇒ Constant current output
- ⇒ Lamp open protection
- ⇒ Lamp fault protection
- ⇒ Status indication / Remote
- ▶ DC 5V Signal / Optional
- ▶ Lamp on: Max.5V/DC , Max.5mA ; Lamp fault: 0V

Applications

- ⇒ Standard and High Output Germicidal Lamps
- ⇒ Air Sterilization
- ⇒ Household Electric Appliances
- ⇒ Water Sterilization

Dimensions



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Electrical Specification

Article No.	8600 112101	8600 112108	8600 112112	8600 112117
Type	RL11-425-40	RL11-350-30	RL11-800-35	RL11-530-55
Input Mains Voltage:	220~240V±10% at AC	220~240V±10% at AC	220~240V±10% at AC	220~240V±10% at AC
Input Line Frequency:	50~60Hz	50~60Hz	50~60Hz	50~60Hz
Input Current:	Max.0.23A at 230Vrms	Max.0.16A at 230Vrms	Max.0.19A at 230Vrms	Max.0.28A at 230Vrms
Input Power:	Max.43W	Max.32W	Max.39.0W	Max.59.0W
Inrush Current:	Max.10A	Max.10A	Max.10A	Max.10A
Power Factor:	0.92 typ.	0.90 typ.	0.90 typ.	0.92 typ.
Output Voltage:	Max.103V AC	Max.100V AC	Max.50V AC	Max.130V AC
Output Frequency:	45KHz	33KHz	33KHz	38KHz
Output Current:	0.39~0.43A typ.	0.30~0.35A typ.	0.70~0.80A typ.	0.42~0.53A typ.
Output Power:	10~40W	15~30W	20~35W	25~55W
Crest Factor:	<1.9 typ.	<1.9 typ.	<1.7 typ.	<1.9 typ.
Current THD:	38% typ.	38% typ.	38% typ.	38% typ.
U-OUT:	300V	300V	300V	300V
Signal Output:	Max.5V DC Max.5mA	Max.5V DC Max.5mA	Max.5V DC Max.5mA	Max.5V DC Max.5mA
Input Wire Length:	360mm	360mm	360mm	360mm
Output Wire Length:	510mm	510mm	510mm	510mm
Signal Wire Length:	510mm	510mm	510mm	510mm
Max. Wire Length:	3m	3m	3m	3m
Efficiency:	93% Max. Load	93% Max. Load	90% Max. Load	93% Max. Load
Tc-temperature:	Max. 70°C	Max. 70°C	Max. 70°C	Max. 70°C
Ta-temperature:	-15~40°C	-15~40°C	-15~40°C	-15~40°C
Storage:	-40~85°C	-40~85°C	-40~85°C	-40~85°C
Approvals:	CE(LVD),UL,CUL	CE(LVD),UL,CUL	CE(LVD),UL,CUL	CE(LVD),UL,CUL
IP Code:	IP64	IP64	IP64	IP64
Lamp Type:	GPH212~843T5,G36T5, TUV36WT9,TUV25WT5 ,TUV36T5,PL-L36W, HNSL36W,HNS36W,HN S36W-4PSE	TUV30WT9,PL-L18W, PL-L24W,HNS30W, HNS-L18W,HNS-L24W	GPH212T5HO,GPH357 T5HO,GPH436T5HO,PL -L35WHO,	TUV25WT9 TUVPL- L55W,HNSL55W

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Article No.	8600 112104	8600 112109	8600 112113	8600 112116
Type	RL11-425-40A	RL11-350-30A	RL11-800-35A	RL11-530-55A
Input Mains Voltage:	110~120V±10% at AC	110~120V±10% at AC	110~120V±10% at AC	110~120V±10% at AC
Input Line Frequency:	50~60Hz	50~60Hz	50~60Hz	50~60Hz
Input Current:	Max.0.60A at 120Vrms	Max.0.46A at 120Vrms	Max.0.55A at 120Vrms	Max.0.83A at 120Vrms
Input Power:	Max.43W	Max.33W	Max.40.0W	Max.60.0W
Inrush Current:	Max.15A	Max.15A	Max.15A	Max.15A
Power Factor:	0.60 typ.	0.60 typ.	0.60 typ.	0.60 typ.
Output Voltage:	Max.103V AC	Max.100V AC	Max.50V AC	Max.130V AC
Output Frequency:	40KHz	40KHz	40KHz	45KHz
Output Current:	0.39~0.43A typ.	0.30~0.35A typ.	0.70~0.80A typ.	0.42~0.53A typ.
Output Power:	10~40W	15~30W	20~35W	25~55W
Crest Factor:	<1.7 typ.	<1.7 typ.	<1.7 typ.	<1.7 typ.
Current THD:	120% typ.	120% typ.	120% typ.	120% typ.
U-OUT:	150V	150V	150V	150V
Signal Output:	Max.5V DC Max.5mA	Max.5V DC Max.5mA	Max.5V DC Max.5mA	Max.5V DC Max.5mA
Input Wire Length:	360mm	360mm	360mm	360mm
Output Wire Length:	510mm	510mm	510mm	510mm
Signal Wire Length:	510mm	510mm	510mm	510mm
Max. Wire Length:	3m	3m	3m	3m
Efficiency:	92% Max. Load	90% Max. Load	88% Max. Load	92% Max. Load
Tc-temperature:	Max. 70°C	Max. 70°C	Max. 70°C	Max. 70°C
Ta-temperature:	-15~40°C	-15~40°C	-15~40°C	-15~40°C
Storage:	-40~85°C	-40~85°C	-40~85°C	-40~85°C
Approvals:	UL,CUL	UL,CUL	UL,CUL	UL,CUL
IP Code:	IP64	IP64	IP64	IP64
Lamp Type:	GPH212~843T5,G36T5, TUV36WT9,TUV25WT5 ,TUV36T5,PL-L36W, HNSL36W,HNS36W,HN S36W-4PSE	TUV30WT9,PL-L18W, PL-L24W,HNS30W, HNS-L18W,HNS-L24W	GPH212T5HO,GPH357 T5HO,GPH436T5HO,PL -L35WHO,	TUV25WT9,TUVPL- L55W,HNSL55W

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Article No.	8600 114103
Type	RL11-425-18A24

Input Mains Voltage: 24V ± 10% at AC or DC
 Input Line Frequency: 50~60Hz
 Input Current: Max. 1.75A at AC24Vrms
 Input Power: Max. 25W
 Inrush Current: Max. 20A
 Power Factor: 0.60 typ. at AC24V
 Output Voltage: Max. 55V AC
 Output Frequency: 36KHz
 Output Current: 0.39~0.43A at AC24V
 0.30~0.35A at DC24V
 Output Power: 10~21W
 Crest Factor: <1.7 typ.
 Current THD: 100% typ.
 U-OUT: 150V
 Signal Output: Max. 5V DC Max. 5mA
 Input Wire Length: 360mm
 Output Wire Length: 510mm
 Signal Wire Length: 510mm
 Max. Wire Length: 3m
 Efficiency: 83% Max. Load
 Tc-temperature: Max. 70°C
 Ta-temperature: -15~40°C
 Storage: -40~85°C
 Approvals: NA
 IP Code: IP64
 Lamp Type: GPH212~436T5, TUV25W
 T5, TUV11WT5, TUV16WT
 5, HNS11W, HNS16W, HN
 S16W4PSE, HNS20W4PS
 E,

BEASUN Germicidal Lamp Electronic Ballast

RL11-425-18A24

1141 03
24V AC/DC 50/60Hz
 Max. Current 1.60A @ AC / 0.95A @ DC

Lamp Power : 10~21W
 Lamp Current : 0.39~0.43A@24V AC
 0.30~0.35A@24V DC
 U-OUT : 150V
 Ta : -15~40°C

Lamp Type
 GPH212T5 GPH287T5 GPH303T5
 GPH357T5 GPH436T5 TUV11W
 TUV16W

RoHS Class P

Status Indication
 Lamp on : Max. 5V/DC, Max. 5mA
 Lamp fault : 0V/DC

Wiring Diag



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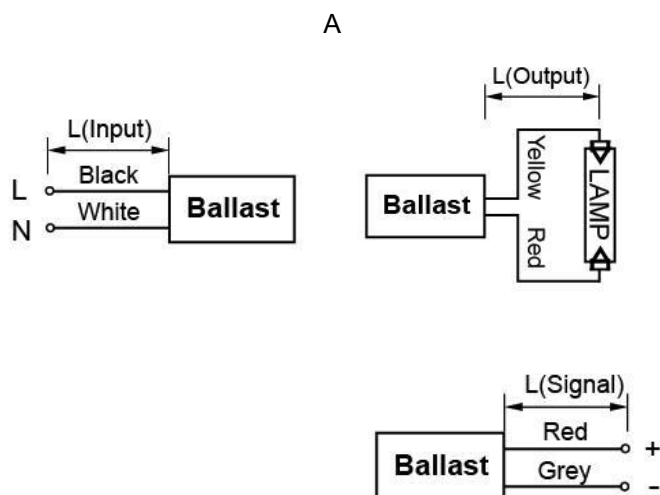
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Note

*When the Tc temperature is over 70°C, please add a heat-dissipation device.

*Power-off Protection.(When Restarting,Ballast can Work Only 2 Minutes Later After Power-off.)

Wiring Diagram



Ordering Information

Article No.	Type	Quantity [pcs]			Weight [kg]		Size [m³]	
		Inner Box	Carton	Pallet	Carton	Pallet	Carton	Pallet
8600 112101	RL11-425-40	10	40	1920	10.84	532	0.022	1.36
8600 112108	RL11-350-30	10	40	1920	10.84	532	0.022	1.36
8600 112112	RL11-800-35	10	40	1920	11.11	545	0.022	1.36
8600 112117	RL11-530-55	10	40	1920	10.97	538	0.022	1.36
8600 112104	RL11-425-40A	10	40	1920	10.76	528	0.022	1.36
8600 112109	RL11-350-30A	10	40	1920	10.76	528	0.022	1.36
8600 112113	RL11-800-35A	10	40	1920	11.03	541	0.022	1.36
8600 112116	RL11-530-55A	10	40	1920	10.89	534	0.022	1.36
8600114103	RL11-425-18A24	10	40	1920	10.76	528	0.022	1.36

Engineering Product Specification

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Packaging Label

Inner Box Label

P/N: 8600112101

Type: RL11-425-40

QTY: 20pcs S/N: 001

Date: YY-MM-DD



Carton Label

000 0001

C/PO: 00000-00

P/N:8600112101



TYPE: RL11-425-40

QTY: 40PCS

GW: 10.84KG

DATE: YY-MM-DD

SIZE: 45X28X16CM

S/N: 001



MADE IN CHINA

Pallet Label

000 0001

C/PO: 00000-00

P/N:8600112101



TYPE: RL11-425-40

QTY: 1920PCS

GW: 532KG

DATE: YY-MM-DD

SIZE:120X90X126CM

S/N: 001



MADE IN CHINA