

PECH 3-20W IP20

Plastic housing External economy type



Product family features

- Rated input voltage: 220-240V/ac
- Input voltage range: 198-264V/ac
- New ERP: Conform
- Operating temperature: -25°C~+50°C
- Max. case temperature: 90°C
- Protection grade: IP20
- Protections: Short circuit, overload, no-load, Over temperature protection
- Insolation: I/P to O/P, 3KVac/1min
- Warranty: 3 years
- Application: Down lamp

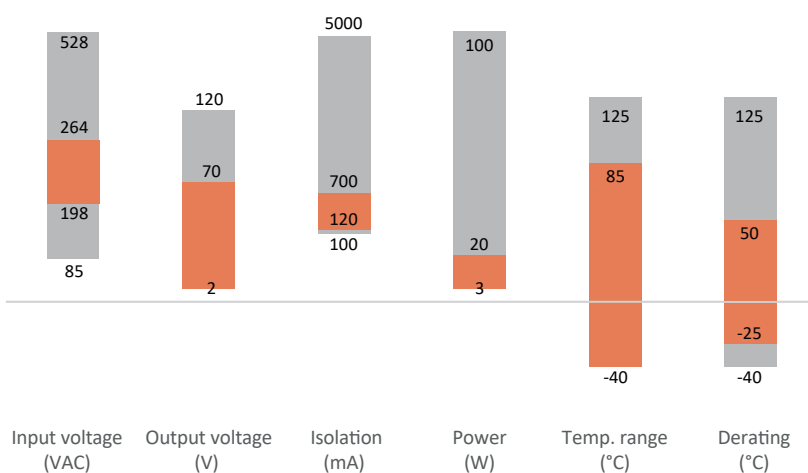


Areas of application

- Commercial lighting



Summary



Product datasheet

Technical data

Electrical data

Product Modle	Rated Power	Input Voltage	Output Current	Output Voltage Range	Power Factor	Efficiency	Size	Certification
PECH003C0120NSLPA1	3W	220-240V	120mA	15-26V	0.7	72%	95*35*25mm	TUV,CE,SAA,CB
PECH003C0150NSLPA1	3W	220-240V	150mA	15-26V	0.7	72%	95*35*25mm	TUV,CE,SAA,CB
PECH003C0200NSLPA1	3W	220-240V	200mA	9-16V	0.7	72%	95*35*25mm	TUV,CE,SAA,CB
PECH003C0300NSLPA1	3W	220-240V	300mA	5-13V	0.7	72%	95*35*25mm	TUV,CE,SAA,CB
PECH003C0350NSLPA1	3W	220-240V	350mA	4-10V	0.7	72%	95*35*25mm	TUV,CE,SAA,CB
PECH003C0500NSLPA1	3W	220-240V	500mA	2 - 6V	0.7	72%	95*35*25mm	TUV,CE,SAA,CB
PECH003C0550NSLPA1	3W	220-240V	550mA	2 - 6V	0.7	72%	95*35*25mm	TUV,CE,SAA,CB
PECH003C0600NSLPA1	3W	220-240V	600mA	2 - 6V	0.7	70%	95*35*25mm	TUV,CE,SAA,CB
PECH003C0700NSLPA1	3W	220-240V	700mA	2 - 6V	0.7	70%	95*35*25mm	TUV,CE,SAA,CB
PECH006C0120NSLPA1	6W	220-240V	120mA	30-50V	0.7	75%	95*35*25mm	TUV,CE,SAA,CB
PECH006C0150NSLPA1	6W	220-240V	150mA	24-45V	0.7	75%	95*35*25mm	TUV,CE,SAA,CB
PECH006C0180NSLPA1	6W	220-240V	180mA	22-35V	0.7	75%	95*35*25mm	TUV,CE,SAA,CB
PECH006C0200NSLPA1	6W	220-240V	200mA	18-35V	0.7	75%	95*35*25mm	TUV,CE,SAA,CB
PECH006C0300NSLPA1	6W	220-240V	300mA	12-22V	0.7	75%	95*35*25mm	TUV,CE,SAA,CB
PECH006C0350NSLPA1	6W	220-240V	350mA	9-18V	0.7	75%	95*35*25mm	TUV,CE,SAA,CB
PECH006C0400NSLPA1	6W	220-240V	400mA	8-15V	0.7	75%	95*35*25mm	TUV,CE,SAA,CB
PECH006C0500NSLPA1	6W	220-240V	500mA	6-13V	0.7	72%	95*35*25mm	TUV,CE,SAA,CB
PECH006C0550NSLPA1	6W	220-240V	550mA	6-13V	0.7	72%	95*35*25mm	TUV,CE,SAA,CB
PECH006C0600NSLPA1	6W	220-240V	600mA	4-10V	0.7	72%	95*35*25mm	TUV,CE,SAA,CB
PECH006C0700NSLPA1	6W	220-240V	700mA	4-10V	0.7	72%	95*35*25mm	TUV,CE,SAA,CB
PECH009C0150NSLPA1	9W	220-240V	150mA	43-60V	0.7	80%	95*35*25mm	TUV,CE,SAA,CB
PECH009C0180NSLPA1	9W	220-240V	180mA	30-45V	0.7	80%	95*35*25mm	TUV,CE,SAA,CB
PECH009C0200NSLPA1	9W	220-240V	200mA	30-45V	0.7	80%	95*35*25mm	TUV,CE,SAA,CB
PECH009C0250NSLPA1	9W	220-240V	250mA	20-36V	0.7	80%	95*35*25mm	TUV,CE,SAA,CB
PECH009C0300NSLPA1	9W	220-240V	300mA	20-32V	0.7	80%	95*35*25mm	TUV,CE,SAA,CB
PECH009C0350NSLPA1*	9W	220-240V	350mA	15-27V	0.7	80%	95*35*25mm	TUV,CE,SAA,CB
PECH009C0400NSLPA1	9W	220-240V	400mA	12-24V	0.7	80%	95*35*25mm	TUV,CE,SAA,CB
PECH009C0500NSLPA1	9W	220-240V	500mA	12-19V	0.7	80%	95*35*25mm	TUV,CE,SAA,CB
PECH009C0600NSLPA1	9W	220-240V	600mA	8-15V	0.7	80%	95*35*25mm	TUV,CE,SAA,CB
PECH009C0700NSLPA1	9W	220-240V	700mA	8-13V	0.7	80%	95*35*25mm	TUV,CE,SAA,CB
PECH012C0200NSLPA1	12W	220-240V	200mA	42-60V	0.7	82%	95*35*25mm	TUV,CE,SAA,CB
PECH012C0250NSLPA1	12W	220-240V	250mA	30-48V	0.7	82%	95*35*25mm	TUV,CE,SAA,CB
PECH012C0300NSLPA1	12W	220-240V	300mA	30-40V	0.7	82%	95*35*25mm	TUV,CE,SAA,CB

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PECH012C0350NSLPA1*	12W	220-240V	350mA	24-38V	0.7	82%	95*35*25mm	TUV,CE,SAA,CB
PECH012C0400NSLPA1	12W	220-240V	400mA	20-31V	0.7	82%	95*35*25mm	TUV,CE,SAA,CB
PECH012C0500NSLPA1	12W	220-240V	500mA	16-25V	0.7	82%	95*35*25mm	TUV,CE,SAA,CB
PECH012C0600NSLPA1	12W	220-240V	600mA	10-24V	0.7	82%	95*35*25mm	TUV,CE,SAA,CB
PECH012C0700NSLPA1	12W	220-240V	700mA	10-20V	0.7	82%	95*35*25mm	TUV,CE,SAA,CB
PECH015C0300NSLPA1	15W	220-240V	300mA	40-52V	0.7	83%	95*35*25mm	TUV,CE,SAA,CB
PECH015C0350NSLPA1	15W	220-240V	350mA	30-48V	0.7	83%	95*35*25mm	TUV,CE,SAA,CB
PECH015C0400NSLPA1	15W	220-240V	400mA	30-40V	0.7	83%	95*35*25mm	TUV,CE,SAA,CB
PECH015C0450NSLPA1	15W	220-240V	450mA	24-38V	0.7	82%	95*35*25mm	TUV,CE,SAA,CB
PECH015C0500NSLPA1	15W	220-240V	500mA	20-31V	0.7	81%	95*35*25mm	TUV,CE,SAA,CB
PECH020C0300NSLPA1	20W	220-240V	300mA	48-70V	0.7	83%	95*35*25mm	TUV,CE,SAA,CB
PECH020C0350NSLPA1	20W	220-240V	350mA	40-62V	0.7	83%	95*35*25mm	TUV,CE,SAA,CB
PECH020C0400NSLPA1	20W	220-240V	400mA	36-55V	0.7	83%	95*35*25mm	TUV,CE,SAA,CB
PECH020C0450NSLPA1	20W	220-240V	450mA	32-48V	0.7	83%	95*35*25mm	TUV,CE,SAA,CB
PECH020C0500NSLPA1*	20W	220-240V	500mA	29-43V	0.7	83%	95*35*25mm	TUV,CE,SAA,CB
PECH020C0550NSLPA1	20W	220-240V	550mA	26-39V	0.7	83%	95*35*25mm	TUV,CE,SAA,CB
PECH020C0600NSLPA1	20W	220-240V	600mA	24-36V	0.7	82%	95*35*25mm	TUV,CE,SAA,CB
PECH020C0650NSLPA1	20W	220-240V	650mA	20-31V	0.7	82%	95*35*25mm	TUV,CE,SAA,CB
PECH020C0700NSLPA1	20W	220-240V	700mA	20-31V	0.7	82%	95*35*25mm	TUV,CE,SAA,CB

* Represents our conventional stock model

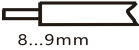
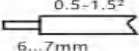
Electrical Specifications

Category	Item	Technical Norm
Input	Rated Input Voltage	220-240VAC
	Range of Input Voltage	198-264VAC
	Frequency	50/60Hz
	Input Current	≤0.22A(198VAC,full load)
	Input Power	≤26.5W(230VAC,full load)
	Power Factor	≥0.7(230VAC,full load)
	No-load Power Consumption	≤1W
output	Current Accuracy	≤±5%
	Max. Output Power	22W

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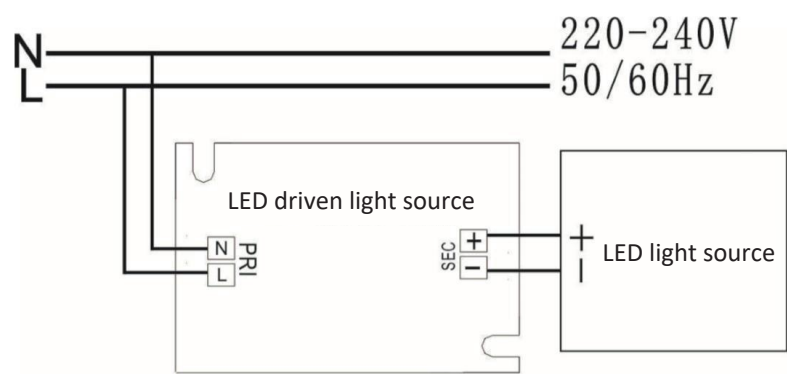
Electrical Specifications

	Started Delay Time	≤0.5S(230VAC,full load)
	Current Ripple	<±7% Output current
Protection	Short Circuit Protection	Auto Recovery
	Overload Protection	Auto Recovery
	No-load Protection	Auto Recovery
	Insulation voltage	I/P to O/P,3KVac/1min
	Insulation resistance	>100M ohm/500VDC
	Leakage current	I/P to O/P <0.75mA
Environment	Ta/Operation Temperature	-25....+50°C
	Ts/Storage Temperature	-40....+85°C
	Tc/Enclosure Temperature	90°C
	Humidity	10%....90%RH
Construction	Connection Method	Amphenol connector
	Installation	Independent external
	Input wire diameter&The length of the end drawing	0.75-1.5²  8...9mm
	Output wire diameter&The length of the end drawing	0.5-1.5²  6...7mm
	Input amphenol connector specification	CS200-00-350-02P-15-01AH/CS200-00-350-04P-15-00AH
	Output amphenol connector specification	CS200-00-350-02P-1Y-108AH/CS200-00-350-04P-1Y-210
	Dimension	95*35*25mm
Standards	Safety Standards	EN61347-1:2015,EN61347-2-13:2014+A1:2017,EN62493:2015, AS/NZSIEC61347.2.13:2018,AS/NZS 61347.1:2016,GB19510.1-2009,GB 19510.14-2009
	EMC Standards	EN55015:2019+A11,EN61000-3-2:2019,EN61000-3-3:2013+A1, EN61547:2009,GB/T17743.2017
	Surge	L-N/0.5KV (Optional 2KV)
Others	RoHS	Complied to 2011/65/EU
	Life Time	30000h @50°C(Ta)/90°C(Tc)
	Warranty	3years
Remark	1. Unless otherwise specified, all specification parameters are measured at input voltage of 230VAC, rated load and ambient temperature of 25°C. 2. Power supply is considered as a component and used in combination with terminal equipment, because EMC is affected by the whole set of equipment, the manufacturer of terminal equipment needs to re-emc confirm the whole set of equipment.	

Product datasheet

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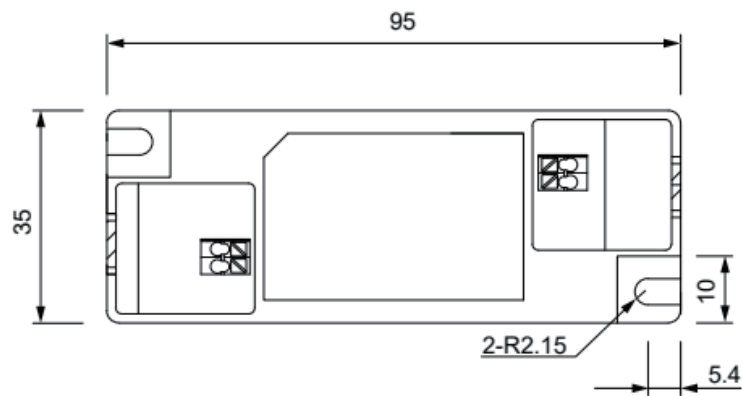
Installation



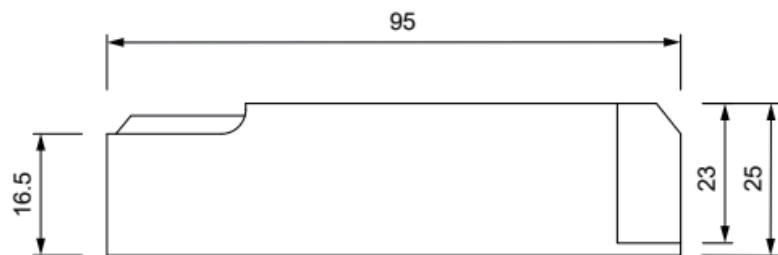
Appearance information

Dimensions

Vertical view



Side view



Product datasheet

Appearance information

Label

The sample label

