

# CATALOGO 2017



SENSORE PIR



Confezione/Packaging:  
Scatola/Box

**Code**

VPIRS0001W

**Finishing**

**W** Bianco  
White

**SENSORE PIR**

Sensore di movimento a infrarossi con raggio d'azione di 12mt e timer 8sec - 7min.

*Infrared movement sensor with 12m action range and timer working from 8sec. to 12min.*



IP44



230Vac



1000W



Plastica  
Plastic



Apparecchio installabile a parete esterna  
*Outdoor wall light appliance*



Tipo di connessione: Morsetti  
*Type of connection: Screw terminal*



Installabile su superfici infiammabili  
*Can be installed on flammable surfaces*

LUCE NOTTURNA



Confezione/Packaging:  
Scatola/Box

**Code**

VLUNT0001W

**Finishing**

**W** Bianco  
White

**LUCE NOTTURNA**

Luce notturna a LED da parete con spina 10A incorporata, disponibile con interruttore per accensione/spengimento.

*LED wall night light equipped with 10A plug. Available with on/off switch.*



IP20



230Vac



0,5W



20lm



1 power LED



Classe II  
*Class II*



Tipo di connessione: Spina  
*Type of connection: Plug*



Plastica  
Plastic



Apparecchio installabile a parete  
*Device fixable on walls*



Installabile su superfici infiammabili  
*Can be installed on flammable surfaces*

**SPINA INTERRUOTORE A TERRA**



Confezione/Packaging: Sfuso/Without packaging

Code	Finishing
VSPIT0001X	<input checked="" type="checkbox"/> Plex
VSPIT0001W	<input type="checkbox"/> Bianco White
VSPIT0001N	<input type="checkbox"/> Nero Black

**SPINA INTERRUOTORE A TERRA**

Spina 10A dotata di cavo 2 x 0,75mm<sup>2</sup> e interruttore a terra on/off.  
10A plug equipped with 2 x 0,75mm<sup>2</sup> wire and ground on/off switch.

- Termoplastica  
Thermoplastic
- Tipo di connessione: Cavo  
Type of connection: Cable
- Installabile su superfici infiammabili  
Can be installed on flammable surfaces

**SPINA CON CAVO**



Confezione/Packaging: Sfuso/Without packaging

Code	Finishing
VSPIC0001X	<input checked="" type="checkbox"/> Plex
VSPIC0001W	<input type="checkbox"/> Bianco White
VSPIC0001N	<input type="checkbox"/> Nero Black

**SPINA CON CAVO**

Spina 10A dotata di cavo 2 x 0,75mm<sup>2</sup>.  
10A plug equipped with 2 x 0.75mm<sup>2</sup> wire.

- Termoplastica  
Thermoplastic
- Tipo di connessione: Cavo  
Type of connection: Cable
- Installabile su superfici infiammabili  
Can be installed on flammable surfaces

**SPINA CON INTERRUOTORE**



Confezione/Packaging: Sfuso/Without packaging

Code	Finishing
VSPIN0001X	<input checked="" type="checkbox"/> Plex
VSPIN0001W	<input type="checkbox"/> Bianco White
VSPIN0001N	<input type="checkbox"/> Nero Black

**SPINA CON INTERRUOTORE**

Spina 10A dotata di cavo 2 x 0,75mm<sup>2</sup> e interruttore on/off.  
10A plug equipped with 2 x 0,75mm<sup>2</sup> wire and on/off switch.

- Termoplastica  
Thermoplastic
- Tipo di connessione: Cavo  
Type of connection: Cable
- Installabile su superfici infiammabili  
Can be installed on flammable surfaces

CTR002



Confezione/Packaging:  
Sacchetto/Bag

Code	Peak output current (each channel)	Color
CTR002	4A	RGB

**CTR002**

Centralina RGB in tensione, con telecomando a radiofrequenza.  
Voltage RGB LED controller with RF (radio-frequency) remote control.

Funzioni/Functions

- 15 livelli di luminosità/15 levels of brightness
- Accensione e spegnimento, mantiene in memoria l'ultima funzione utilizzata/Switch on and switch off, memorizes the last function used
- Modalità luce bianca o colorata  
White or colored light-modality
- Modalità cambiamento colore della luce mediante anello colorato sul radiocomando/Changing light-color through a colored ring on remote control
- Distanza di ricezione radiocomando < 20 metri  
Receiving-distance of remote control < 20 meters

- IP20
- 12Vdc
- 144W
- Classe III  
Class III
- Tipo di connessione: Cavo  
Type of connection: Cable
- Installabile su superfici infiammabili  
Can be installed on flammable surfaces

CTR010



Confezione/Packaging:  
Sacchetto/Bag

Code	Peak output current (each channel)	Color
CTR010	6A	DIMMER

**CTR010**

Dimmer LED Controller with RF (radio-frequency) remote control.  
Dimmer LED Controller with RF (radio-frequency) remote control.

Funzioni/Functions

- Variazione della luminosità/Variation of brightness
- Regolazione dell'intensità luminosa/Regulation of light intensity
- Accensione e spegnimento, mantiene in memoria l'ultima funzione utilizzata/Switch on and switch off, memorizes the last function used
- Preset di luminosità: alta, media e bassa  
Brightness preset: high, medium, low
- Distanza di ricezione radiocomando < 20 metri  
Receiving-distance of remote control < 20 meters

- IP20
- 12Vdc
- 72W
- Classe III  
Class III
- Tipo di connessione: Cavo  
Type of connection: Cable
- Installabile su superfici infiammabili  
Can be installed on flammable surfaces

CTR001



Confezione/Packaging:  
Scatola/Box

Code	Peak output current (each channel)	Color
CTR001	2,5A	RGB

**CTR001**

Centralina RGB in tensione, con telecomando infrarossi.  
Voltage RGB LED controller with infrared.

Funzioni/Functions

- Controllo cromatico del colore/Chromatic control of the color
- 13 Livelli di luminosità/13 levels of brightness
- Accensione e spegnimento, mantiene in memoria l'ultima funzione utilizzata/Switch on and switch off, memorizes the last function used
- 16 colori prememorizzati selezionabili tramite telecomando  
16 pre-memorized different colors selectable using the remote control
- 4 modalità di cambio luce prememorizzati: Flash, Strobe (solo luce bianca), Fade e Smooth/4 pre-memorized different procedures of color-changing: Flash, Strobe (white light only), Fade, Smooth
- Distanza di ricezione telecomando >10 metri  
Receiving-distance of remote control >10 meters

- IP20
- 12Vdc
- 90W
- Classe III  
Class III
- Tipo di connessione: Connettore  
Type of connection: Connector
- Installabile su superfici infiammabili  
Can be installed on flammable surfaces

CTR100



Confezione/Packaging:  
Blister

Code	Peak output current (each channel)	Color
CTR100	5A	RGB

**CTR100**

Centralina RGB in tensione, con telecomando a radiofrequenza.  
Voltage RGB LED controller with RF (radio-frequency) remote control.

Funzioni/Functions

- 15 livelli di luminosità/15 levels of brightness
- Accensione e spegnimento, mantiene in memoria l'ultima funzione utilizzata/Switch on and switch off, memorizes the last function used
- Modalità luce bianca o colorata  
White or colored light-modality
- Modalità cambiamento colore della luce mediante  
Changing light-color through a colored ring on remote control anello colorato sul Radiocomando
- Distanza di ricezione radiocomando 20 metri  
Receiving-distance of remote control 20 meters

- IP20
- 12Vdc/24Vdc
- 180/360W
- Classe III  
Class III
- Tipo di connessione: Morsetti  
Type of connection: Screw terminal
- Installabile su superfici infiammabili  
Can be installed on flammable surfaces

AMP103



Confezione/Packaging:  
Scatola/Box

Code	Peak output current (each channel)
AMP103	6A

## AMP103

Amplificatore a tre canali o RGB.  
*Three channels or RGB amplifier.*

### Funzioni/Functions

- Collegamento multiplo da 10mt di strip LED monocolore o RGB  
*Multiple connection from 10m for singol color or RGB LED strip*
- Ripetitore di segnale RGB/RGB signal-repeater
- Morsettiera fissa/Fixed terminal board
- Fissaggio a parete/Wall fastening



IP20



5Vdc/36Vdc



90/648W



Classe III  
*Class III*



Tipo di connessione: Morsetti  
*Type of connection: Screw terminal*



Installabile su superfici incombustibili  
*Can be installed on flammable surfaces*

**serie ADT** **CE**  
**COSTANT VOLTAGE**

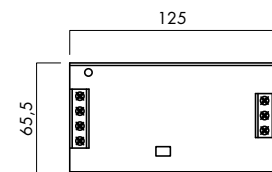
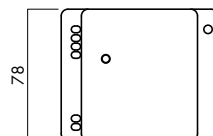
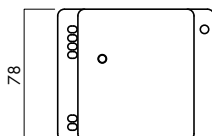
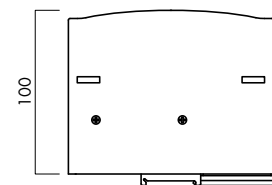
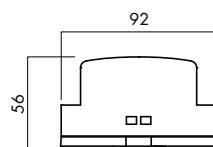
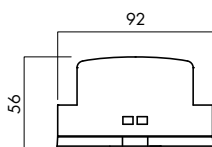


INPUT	
Input voltage	Vac
Input current	A
Input frequency	Hz
Inrush current	A
Required input fuse	
OUTPUT	
Output voltage	Vdc
Output voltage adjustment	± xx %
Output current	A
Rated output power	W
Residual ripple, switching peaks	mVpp
Overload protection	% of rated output current
Over voltage protection	V
Hold-up time	ms
Control at 10... 100% load (load regulation)	%
Parallel connection option	
ISOLATION TO ENCLOSURE	
Isolation output - earth	kVAC
Isolation input - earth	kVAC
Isolation input - output	kVAC
GENERAL DATA	
Operating temperature	°C
Storage temperature	°C
Humidity during storage	%
IP protection	
Efficiency	%
Status indicator	
Standards	EN...
Electromagnetic compatibility	EN...
Class	
Weight	kg
Approval and marks	CE, RoHS, ...
SCREW CONNECTION	
Wire cross-section	mm <sup>2</sup>
Depth x width x height	mm

CODE	
ADT030.12	ADT030.24
88-264Vac	
0.75A at 235V	
50 ~ 60Hz	
30A	
2A/250V	
12Vdc	24Vdc
±10%	
2.5A	1.25A
30W	
120mV	150mV
+20%	
13.5-16V	27-29V
100ms at 230V	
±1.0%	
Yes	
N/A	
N/A	
2000Vac/1min	
GENERAL DATA	
-15° to 50°C	
-30° to 85°C	
10-90% RH no condensing	
IP20	
83%	85%
The led indicator will be red when power on	
EN60950-1	
EN55022	EN55024EN610003-2-3
Class II	
0.25kg	
CE, RoHS	
SCREW CONNECTION	
2.5 mm <sup>2</sup>	
92x78x56	

CODE	
ADT060.12	ALT060.24
88-264Vac	
0.75A at 235V	
50 ~ 60Hz	
35A	
3A/250V	
12Vdc	24Vdc
±10%	
5A	2.5A
60W	
100mV	150mV
+20%	
13.5-16V	27-29V
100ms at 230V	
±1.5%	
Yes	
N/A	
N/A	
2000Vac/1min	
GENERAL DATA	
-15° to 50°C	
-30° to 85°C	
10-90% RH no condensing	
IP20	
82%	83%
The led indicator will be red when power on	
EN60950-1	
EN55022	EN55024 EN610003-2-3
Class II	
0.27kg	
CE, RoHS	
SCREW CONNECTION	
2.5 mm <sup>2</sup>	
92x78x56	

CODE	
ADT120.12	ADT120.24
88-264Vac	
1.6A at 235V	
50 ~ 60Hz	
40A	
5A/250V	
12Vdc	24Vdc
±10%	
10A	5A
120W	
80mV	100mV
+20%	
13.5-16V	27-29V
100ms at 230V	
±1.0%	
Yes	
N/A	
N/A	
2500Vac/1min	
GENERAL DATA	
-15° to 50°C	
-30° to 85°C	
10-90% RH no condensing	
IP20	
80%	84%
The led indicator will be red when power on	
EN60950-1	
EN55022	EN55024 EN610003-2-3
Class I	
0.79kg	
CE, RoHS	
SCREW CONNECTION	
4 mm <sup>2</sup>	
125x66x100	



Se non diversamente indicato, tutti i parametri sono misurati a un carico nominale in input di 230Vac e ad una temperatura ambiente di 25°C.  
All parameters NOT specially mentioned are measured at 230Vac input, rated load and 25°C of ambient temperature.

**serie APT** **CE**  
**COSTANT VOLTAGE**



**INPUT**

Input voltage	Vac
Input current	A
Input frequency	Hz
Inrush current	A
Required input fuse	

**OUTPUT**

Output voltage	Vdc
Output voltage adjustment	± xx %
Output current	A
Rated output power	W
Residual ripple, switching peaks	mVpp
Overload protection	% of rated output current
Over voltage protection	V
Hold-up time	ms
Control at 10... 100% load (load regulation)	%
Parallel connection option	

**ISOLATION TO ENCLOSURE**

Isolation output - earth	kVAC
Isolation input - earth	kVAC
Isolation input - output	kVAC

**GENERAL DATA**

Operating temperature	°C
Storage temperature	°C
Humidity during storage	%
IP protection	
Efficiency	%
Status indicator	
Standards	EN...
Electromagnetic compatibility	EN...
Class	
Weight	kg
Approval and marks	CE, RoHS, ...

**SCREW CONNECTION**

Wire cross-section	mm <sup>2</sup>
Depth x width x height	mm

**CODE**  
**APT006.12    APT006.24**

100-240Vac
0.07A
50 ~ 60Hz
N/A
0.22R 1/4W

<b>12Vdc    24Vdc</b>
±5%
Max 0.5A    Max 0.25A
<b>6W</b>
660mV    850mV
120%
12.6V    25.2V
N/A
0.05%
Yes

N/A
N/A
3.75Vac/1min

-10° to 50°C
-20° to 80°C
20-90% RH
IP20
77%    79%
N/A
EN61347
EN55015 EN61547
Class II
0.04kg
CE, RoHS

0.75 mm <sup>2</sup>
60x44x23

**CODE**  
**APT015.12    APT015.24**

220-240Vac
0.16A at 235V
50 ~ 60Hz
18A
1.25A/250V

<b>12Vdc    24Vdc</b>
±5%
1.25A    0.625A
<b>15W</b>
848mV    1700mV
+20%
12.6V    25.2V
20ms at 230V
+5%
NO

NO earth connection
NO earth connection
3.75Vac/1min

-15° to 45°C
-40° to 80°C
5-85% RH
IP20
83%
No
EN61347-1 EN61347-2-13
EN55015
Class II
0.072kg
CE, RoHS, TUV

Input: 2x0.5-0.75 Output: 2x0.5-2.5
123x45x19

**CODE**  
**APT030.12    APT030.24**

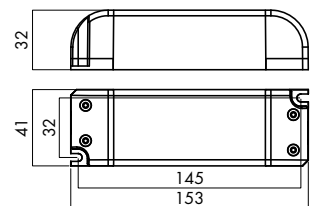
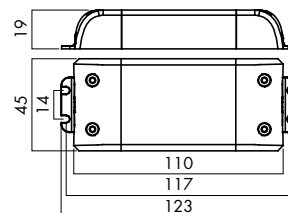
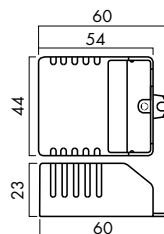
220-240Vac
0.16A at 235V
50 ~ 60Hz
19A
1.25A/250V

<b>12Vdc    24Vdc</b>
±5%
2.5A    1.25A
<b>30W</b>
848mV    1700mV
+20%
13.8V    27.6V
50ms at 230V
+5%
No

NO earth connection
NO earth connection
3.75Vac/1min

-15° to 45°C
-40° to 80°C
5-85% RH
IP20
84%    87%
No
EN61347-1 EN61347-2-13
EN55015
Class II
0.13kg
CE, RoHS, TUV

Input: 2x0.5-0.75 Output: 2x0.5-2.5
153x41x32



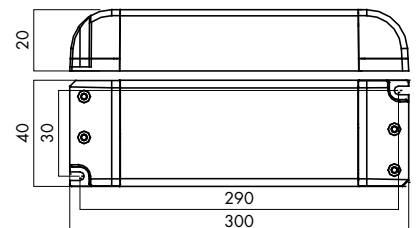
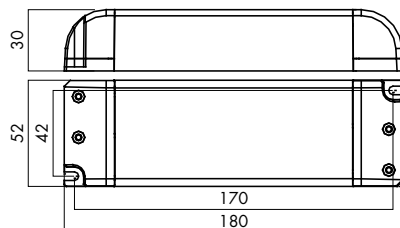
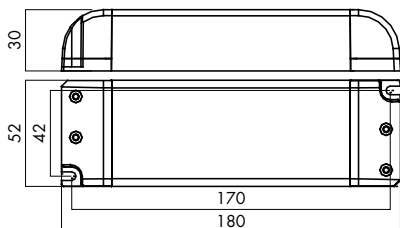




CODE	
<b>APT060.12</b>	<b>APT060.24</b>
220-240Vac	
0.31A at 235V	
50 ~ 60Hz	
29A	
1.25A/250V	
<b>12Vdc</b>	<b>24Vdc</b>
±5%	
5A	2.5A
<b>60W</b>	
848mV	1700mV
+20%	
12.6V	25.2V
20ms at 230V	
+5%	
No	
NO earth connection	
NO earth connection	
3.75Vac/1min	
-15° to 45°C	
-40° to 80°C	
5-85% RH	
IP20	
88%	
No	
EN61347-1 EN61347-2-13	
EN55015	
Class II	
0.32kg	
CE, RoHS, TUV	
Input: 2x0.5-0.75	
Output: 2x0.5-2.5	
180x52x30	

CODE	
<b>APT075.12</b>	<b>APT075.24</b>
220-240Vac	
0.37A at 235V	
50 ~ 60Hz	
29A	
1.25A/250V	
<b>12Vdc</b>	<b>24Vdc</b>
±5%	
6.25A	3.13A
<b>75W</b>	
848mV	1700mV
+20%	
12.6V	25.2V
20ms at 230V	
+5%	
No	
NO earth connection	
NO earth connection	
3.75Vac/1min	
-15° to 45°C	
-40° to 80°C	
5-85% RH	
IP20	
88%	
No	
EN61347-1 EN61347-2-13	
EN55015	
Class II	
0.32kg	
CE, RoHS, TUV	
Input: 2x0.5-0.75	
Output: 2x0.5-2.5	
180x52x30	

CODE	
<b>APT120.12</b>	<b>APT120.24</b>
220-240Vac	
0.6A at 235V	
50 ~ 60Hz	
29A	
1.25A/250V	
<b>12Vdc</b>	<b>24Vdc</b>
±5%	
10A	5A
<b>120W</b>	
848mV	1700mV
+20%	
12.6V	25.2V
20ms at 230V	
+5%	
No	
NO earth connection	
NO earth connection	
3.75Vac/1min	
-20° to 45°C	
-40° to 80°C	
5-85% RH	
IP20	
88%	
No	
EN61347-1 EN61347-2-13	
EN55015	
Class II	
0.39kg	
CE, RoHS, TUV	
Input: 2x0.5-0.75	
Output: 2x0.5-2.5	
300x40x20	





**INPUT**

Input voltage	Vac
Input current	A
Input frequency	Hz
Inrush current	A
Required input fuse	

**OUTPUT**

Output voltage	Vdc
Output voltage adjustment	± xx %
Output current	A
Rated output power	W
Residual ripple, switching peaks	mVpp
Overload protection	% of rated output current
Over voltage protection	V
Hold-up time	ms
Control at 10... 100% load (load regulation)	%
Parallel connection option	

**ISOLATION TO ENCLOSURE**

Isolation output - earth	kVAC
Isolation input - earth	kVAC
Isolation input - output	kVAC

**GENERAL DATA**

Operating temperature	°C
Storage temperature	°C
Humidity during storage	%
IP protection	
Efficiency	%
Status indicator	
Standards	EN...
Electromagnetic compatibility	EN...
Class	
Weight	kg
Approval and marks	CE, RoHS, ...

**SCREW CONNECTION**

Wire cross-section	mm <sup>2</sup>
Depth x width x height	mm

**CODE**  
**ALT040.12    ALT040.24**

Input voltage	100-240Vac
Input current	0.45A at 235V
Input frequency	50 ~ 60Hz
Inrush current	20A
Required input fuse	2A/250V

**OUTPUT**

Output voltage	<b>12Vdc</b> <b>24Vdc</b>
Output voltage adjustment	±10%
Output current	3.3A    1.67A
Rated output power	<b>40W</b>
Residual ripple, switching peaks	±1.5%
Overload protection	+5-50%
Over voltage protection	+15-50%
Hold-up time	≥ 20ms at 230V
Control at 10... 100% load (load regulation)	0.00%
Parallel connection option	No

**ISOLATION TO ENCLOSURE**

Isolation output - earth	500Vac/1min
Isolation input - earth	1500Vac/1min
Isolation input - output	1500Vac/1min

**GENERAL DATA**

Operating temperature	-20° to 60°C at 20-90% RH (no frost)
Storage temperature	-40° to 85°C at 10-95% RH (no frost)
Humidity during storage	20-90% RH
IP protection	IP20
Efficiency	80%
Status indicator	Yes
Standards	EN60950-1
Electromagnetic compatibility	EN55022 class A EN61347-2-13:2008
Class	Class I
Weight	0.201kg
Approval and marks	CE, RoHS

**SCREW CONNECTION**

Wire cross-section	2.5 mm <sup>2</sup>
Depth x width x height	107x79x37

**CODE**  
**ALT060.12    ALT060.24**

Input voltage	100-240Vac
Input current	0.80A at 235V
Input frequency	50 ~ 60Hz
Inrush current	30A
Required input fuse	3A/250V

**OUTPUT**

Output voltage	<b>12Vdc</b> <b>24Vdc</b>
Output voltage adjustment	±10%
Output current	5A    2.5A
Rated output power	<b>60W</b>
Residual ripple, switching peaks	±1.5%
Overload protection	+5-50%
Over voltage protection	+15-50%
Hold-up time	≥ 20ms at 230V
Control at 10... 100% load (load regulation)	0.00%
Parallel connection option	No

**ISOLATION TO ENCLOSURE**

Isolation output - earth	500Vac/1min
Isolation input - earth	1500Vac/1min
Isolation input - output	1500Vac/1min

**GENERAL DATA**

Operating temperature	-20° to 60°C at 20-90% RH (no frost)
Storage temperature	-40° to 85°C at 10-95% RH (no frost)
Humidity during storage	20-90% RH
IP protection	IP20
Efficiency	80%
Status indicator	Yes
Standards	EN60950-1
Electromagnetic compatibility	EN55022 class A EN61347-2-13:2008
Class	Class I
Weight	0.333kg
Approval and marks	CE, RoHS

**SCREW CONNECTION**

Wire cross-section	2.5 mm <sup>2</sup>
Depth x width x height	107x79x37

**CODE**  
**ALT100.12    ALT100.24**

Input voltage	100-240Vac
Input current	1.2A at 235V
Input frequency	50 ~ 60Hz
Inrush current	30A
Required input fuse	5A/250V

**OUTPUT**

Output voltage	<b>12Vdc</b> <b>24Vdc</b>
Output voltage adjustment	±10%
Output current	8.5A    4.25A
Rated output power	<b>100W</b>
Residual ripple, switching peaks	±1.5%
Overload protection	+5-50%
Over voltage protection	+15-50%
Hold-up time	≥ 20ms at 230V
Control at 10... 100% load (load regulation)	0.00%
Parallel connection option	Yes

**ISOLATION TO ENCLOSURE**

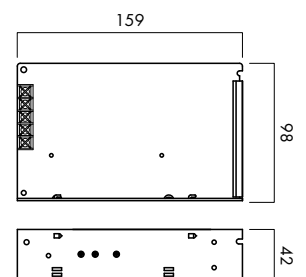
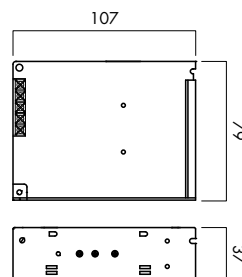
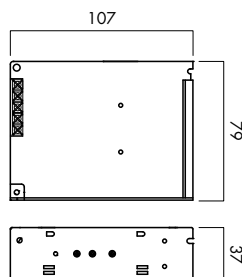
Isolation output - earth	500Vac/1min
Isolation input - earth	1500Vac/1min
Isolation input - output	1500Vac/1min

**GENERAL DATA**

Operating temperature	-20° to 60°C at 20-90% RH (no frost)
Storage temperature	-40° to 85°C at 10-95% RH (no frost)
Humidity during storage	20-90% RH
IP protection	IP20
Efficiency	80%
Status indicator	Yes
Standards	EN60950-1
Electromagnetic compatibility	EN55022 class A EN61347-2-13:2008
Class	Class I
Weight	0.40kg
Approval and marks	CE, RoHS

**SCREW CONNECTION**

Wire cross-section	2.5 mm <sup>2</sup>
Depth x width x height	159x98x42



1. Se non diversamente indicato, tutti i parametri sono misurati a un carico nominale in input di 230Vac e ad una temperatura ambiente di 25°C.
2. Il rumore è rilevato ad una frequenza di 20MHz, usando un doppino da 12" attorcigliato terminante con un condensatore in parallelo da 0.1µf a 10µf.
3. Tolleranza: include tolleranza con regolazione del potenziometro, regolazione di linea e regolazione di carico.
4. L'alimentatore è considerato come componente che verrà installato nell'apparecchio finale. È necessario controllare che l'apparecchio finale rispetti la direttiva EMC. Per sapere come eseguire i test EMC, vi preghiamo di far riferimento ai test EMI per alimentatori.
5. Se l'alimentatore va in corto circuito senza essere sotto carico, ritornerà automaticamente in funzione non appena il corto circuito sarà rimosso (solo per ALT150W).

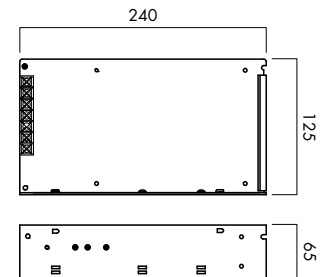
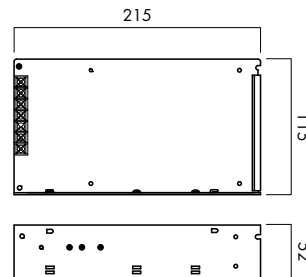
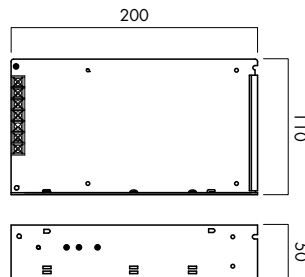
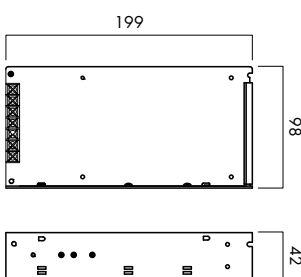


CODE	
<b>ALT150.12</b>	<b>ALT150.24</b>
100-240Vac	
1.5A at 235V	
50 ~ 60Hz	
40A	
5A/250V	
<b>12Vdc</b>	<b>24Vdc</b>
±10%	
12.5A	6.25A
<b>150W</b>	
±1.5%	
+5-50%	
+15-50%	
≥ 20ms at 230V	
0.00%	
Yes	
500Vac/1min	
1500Vac/1min	
1500Vac/1min	
-20° to 60°C at 20-90% RH (no frost)	
-40° to 85°C at 10-95% RH (no frost)	
20-90% RH	
IP20	
80%	
Yes	
EN60950-1	
EN55022 class A EN61347-2-13:2008	
Class I	
0.55kg	
CE, RoHS	
4 mm <sup>2</sup>	
199x98x42	

CODE	
<b>ALT250.12</b>	<b>ALT250.24</b>
100-240Vac	
1.5A at 235V	
50 ~ 60Hz	
40A	
5A/250V	
<b>12Vdc</b>	<b>24Vdc</b>
±10%	
20A	10A
<b>250W</b>	
±1.5%	
+5-50%	
+15-50%	
≥ 20ms at 230V	
0.00%	
Yes	
500Vac/1min	
1500Vac/1min	
1500Vac/1min	
-20° to 60°C at 20-90% RH (no frost)	
-40° to 85°C at 10-95% RH (no frost)	
20-90% RH	
IP20	
80%	
Yes	
EN60950-1	
EN55022 class A EN61347-2-13:2008	
Class I	
0.76kg	
CE, RoHS	
4 mm <sup>2</sup>	
200x110x50	

CODE	
<b>ALT350.12</b>	<b>ALT350.24</b>
100-240Vac	
1.5A at 235V	
50 ~ 60Hz	
40A	
5A/250V	
<b>12Vdc</b>	<b>24Vdc</b>
±10%	
30A	15A
<b>350W</b>	
±1.5%	
+5-50%	
+15-50%	
≥ 20ms at 230V	
0.00%	
Yes	
500Vac/1min	
1500Vac/1min	
1500Vac/1min	
-20° to 60°C at 20-90% RH (no frost)	
-40° to 85°C at 10-95% RH (no frost)	
20-90% RH	
IP20	
80%	
Yes	
EN60950-1	
EN55022 class A EN61347-2-13:2008	
Class I	
0.85kg	
CE, RoHS	
4 mm <sup>2</sup>	
215x115x52	

CODE	
<b>ALT500.12</b>	<b>ALT500.24</b>
100-240Vac	
3.5A at 235V	
50 ~ 60Hz	
40A	
8A/250V	
<b>12Vdc</b>	<b>24Vdc</b>
±10%	
41.6A	20.8A
<b>500W</b>	
±1.5%	
+5-50%	
+15-50%	
≥ 20ms at 230V	
0.00%	
No	
500Vac/1min	
1500Vac/1min	
1500Vac/1min	
-20° to 60°C at 20-90% RH (no frost)	
-40° to 85°C at 10-95% RH (no frost)	
20-90% RH	
IP20	
81%	
Yes	
EN60950-1	
EN55022 class A EN61347-2-13:2008	
Class I	
1.385kg	
CE, RoHS	
2.5 mm <sup>2</sup>	
240x125x65	



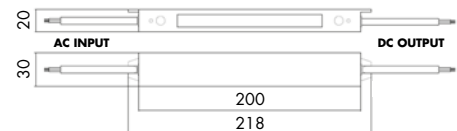
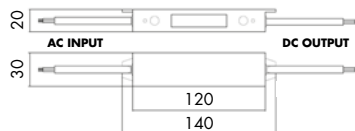
1. All parameters NOT specially mentioned are measured at 220 Vac input, rated load and 25°C of ambient temperature.
2. Ripple and noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf and 10uf parallel capacitor.
3. Tolerance: includes set up tolerance, line regulation and load regulation.
4. The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-confirmed that is still meets EMC directives. For guidance on how perform these EMC tests, please refer to "EMI testing of component power supplies".
5. If the power supply is short-circuited under no load, it will recover automatically when short-circuit is removed (only for ALT150W).



INPUT	
Input voltage	Vac
Input current	A
Input frequency	Hz
Inrush current	A
Required input fuse	
OUTPUT	
Output voltage	Vdc
Output voltage adjustment	± xx %
Output current	A
Rated output power	W
Residual ripple, switching peaks	mVpp
Overload protection	% of rated output current
Over voltage protection	V
Hold-up time	ms
Control at 10... 100% load (load regulation)	%
Parallel connection option	
ISOLATION TO ENCLOSURE	
Isolation output - earth	kVAC
Isolation input - earth	kVAC
Isolation input - output	kVAC
GENERAL DATA	
Operating temperature	°C
Storage temperature	°C
Humidity during storage	%
IP protection	
Efficiency	%
Status indicator	
Standards	EN...
Electromagnetic compatibility	EN...
Class	
Weight	kg
Approval and marks	CE, RoHS, ...
SCREW CONNECTION	
Wire cross-section	mm <sup>2</sup>
Depth x width x height	mm

CODE	
ALP015.12	ALP015.24
90-264Vac	
0.35A at 235V	
50 ~ 60Hz	
30A	
2A/250V	
12Vdc	24Vdc
±10%	
1.25A	0.65A
<b>15W</b>	
±1.5%	
+5-50%	
+15-50%	
≥ 20ms at 230V	
0.003%	
No	
500Vac/1min	
1500Vac/1min	
1500Vac/1min	
GENERAL DATA	
-20° to 60°C at 20-90% RH (no frost)	
-40° to 85°C at 10-95% RH (no frost)	
20-90% RH	
IP67	
80%	
No	
EN60950-1	
EN55022 class A EN61347-2-13:2008	
Class II	
0.15kg	
CE, RoHS	
SCREW CONNECTION	
0.75 mm <sup>2</sup>	
120x30x20	

CODE	
ALP030.12	ALP030.24
90-264Vac	
0.35A at 235V	
50 ~ 60Hz	
30A	
2A/250V	
12Vdc	24Vdc
±10%	
2.5A	1.25A
<b>30W</b>	
±1.5%	
+5-50%	
+15-50%	
≥ 20ms at 230V	
0.003%	
No	
500Vac/1min	
1500Vac/1min	
1500Vac/1min	
GENERAL DATA	
-20° to 60°C at 20-90% RH (no frost)	
-40° to 85°C at 10-95% RH (no frost)	
20-90% RH	
IP67	
80%	
No	
EN60950-1	
EN55022 class A EN61347-2-13:2008	
Class I	
0.24kg	
CE, RoHS	
SCREW CONNECTION	
0.75 mm <sup>2</sup>	
200x30x20	



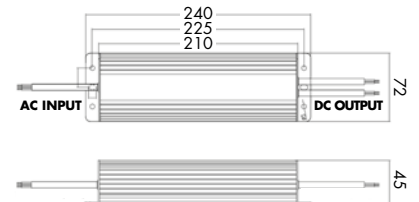
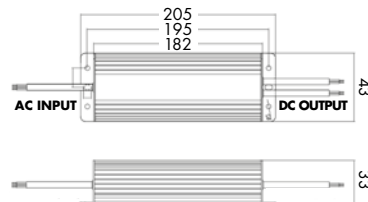
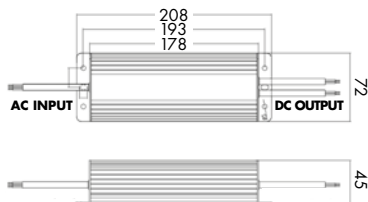
1. Se non diversamente indicato, tutti i parametri sono misurati a un carico nominale in input di 230Vac e ad una temperatura ambiente di 25°C.
2. Il rumore è rilevato ad una frequenza di 20MHz, usando un doppino da 12" attorcigliato terminante con un condensatore in parallelo da 0.1uf a 10uf.
3. Tolleranza: include tolleranza con regolazione del potenziometro, regolazione di linea e regolazione di carico.



CODE	
<b>ALP060.12</b>	<b>ALP060.24</b>
90-264Vac	
0.8A at 235V	
50 ~ 60Hz	
30A	
3A/250V	
<b>12Vdc</b>	<b>24Vdc</b>
±10%	
5A	2.5A
<b>60W</b>	
±1.5%	
+5-50%	
+15-50%	
≥ 20ms at 230V	
0.003%	
Yes	
500Vac/1min	
1500Vac/1min	
1500Vac/1min	
-20° to 60°C at 20-90% RH (no frost)	
-40° to 85°C at 10-95% RH (no frost)	
20-90% RH	
IP67	
80%	
No	
EN60950-1	
EN55022 class A EN61347-2-13:2008	
Class I	
0.84kg	
CE, RoHS	
0.75 mm <sup>2</sup>	
178x72x45	

CODE	
<b>ALP061.12</b>	<b>ALP061.24</b>
100-240vac	
1.2A	
50 ~ 60Hz	
25A	
3.15A/250V	
<b>12Vdc</b>	<b>24Vdc</b>
±20%	
5A	2.5A
<b>61W</b>	
±1.5%	
+15-50%	
13.8-16.2V	26.1-28.2V
≥ 20ms	
Full load ≤0.5%	
No	
500Vac/1min	
1500Vac/1min	
1500Vac/1min	
-20° to 60°C at 20-90% RH (no frost)	
-40° to 85°C at 10-95% RH (no frost)	
20-90% RH	
IP67	
80%	
No	
EN60950-1	
EN55022 class A EN61347-2-13:2008	
Class I	
0.6kg	
CE, RoHS	
0.75 mm <sup>2</sup>	
182x43x33	

CODE	
<b>ALP120.12</b>	<b>ALP120.24</b>
170-253Vac	
1.2A at 235V	
50 ~ 60Hz	
40A	
5A/250V	
<b>12Vdc</b>	<b>24Vdc</b>
±10%	
10A	5A
<b>120W</b>	
±1.5%	
+5-50%	
+15-50%	
≥ 20ms at 230V	
0.003%	
Yes	
500Vac/1min	
1500Vac/1min	
1500Vac/1min	
-20° to 60°C at 20-90% RH (no frost)	
-40° to 85°C at 10-95% RH (no frost)	
20-90% RH	
IP67	
80%	
No	
EN60950-1	
EN55022 class A EN61347-2-13:2008	
Class I	
1.08kg	
CE, RoHS	
0.75 mm <sup>2</sup>	
210x72x45	



1. All parameters NOT specially mentioned are measured at 220 Vac input, rated load and 25°C of ambient temperature.
2. Ripple and noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf and 10uf parallel capacitor.
3. Tolerance: includes set up tolerance, line regulation and load regulation.

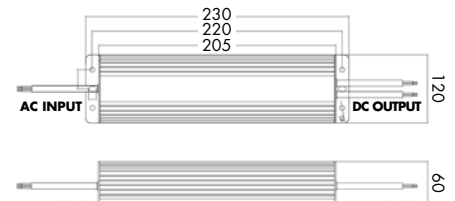
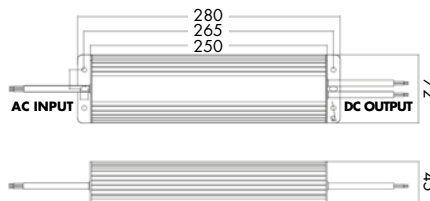
**serie ALP** **CE**  
**COSTANT VOLTAGE**



INPUT	
Input voltage	Vac
Input current	A
Input frequency	Hz
Inrush current	A
Required input fuse	
OUTPUT	
Output voltage	Vdc
Output voltage adjustment	± xx %
Output current	A
Rated output power	W
Residual ripple, switching peaks	mVpp
Overload protection	% of rated output current
Over voltage protection	V
Hold-up time	ms
Control at 10... 100% load (load regulation)	%
Parallel connection option	
ISOLATION TO ENCLOSURE	
Isolation output - earth	kVAC
Isolation input - earth	kVAC
Isolation input - output	kVAC
GENERAL DATA	
Operating temperature	°C
Storage temperature	°C
Humidity during storage	%
IP protection	
Efficiency	%
Status indicator	
Standards	EN...
Electromagnetic compatibility	EN...
Class	
Weight	kg
Approval and marks	CE, RoHS, ...
SCREW CONNECTION	
Wire cross-section	mm <sup>2</sup>
Depth x width x height	mm

CODE	
ALP150.12	ALP150.24
170-253Vac	170-253Vac
1.5A at 235V	1.5A at 235V
50 ~ 60Hz	50 ~ 60Hz
40A	40A
5A/250V	5A/250V
12Vdc	24Vdc
±10%	±10%
12.5A	6.25A
<b>150W</b>	<b>150W</b>
±1.5%	±1.5%
+5-50%	+5-50%
+15-50%	+15-50%
≥ 20ms at 230V	≥ 20ms at 230V
0.003%	0.003%
Yes	Yes
500Vac/1min	500Vac/1min
1500Vac/1min	1500Vac/1min
1500Vac/1min	1500Vac/1min
-20° to 60°C at 20-90% RH (no frost)	-20° to 60°C at 20-90% RH (no frost)
-40° to 85°C at 10-95% RH (no frost)	-40° to 85°C at 10-95% RH (no frost)
20-90% RH	20-90% RH
IP67	IP67
80%	80%
No	No
EN60950-1	EN60950-1
EN55022 class A EN61347-2-13:2008	EN55022 class A EN61347-2-13:2008
Class I	Class I
1.211kg	1.211kg
CE, RoHS	CE, RoHS
0.75 mm <sup>2</sup>	0.75 mm <sup>2</sup>
250x72x45	250x72x45

CODE	
ALP200.12	ALP200.24
100-240Vac	100-240Vac
3.5A	3.5A
50 ~ 60Hz	50 ~ 60Hz
30A	30A
5A/250V	5A/250V
12Vdc	24Vdc
±20%	±20%
16.5A	8.25A
<b>200W</b>	<b>200W</b>
±1.5%	±1.5%
+15-50%	+15-50%
13.8-16.2V	26.1-28.2V
≥ 20ms	≥ 20ms
Full load ≤0.5%	Full load ≤0.5%
No	No
500Vac/1min	500Vac/1min
1500Vac/1min	1500Vac/1min
1500Vac/1min	1500Vac/1min
-20° to 60°C at 20-90% RH (no frost)	-20° to 60°C at 20-90% RH (no frost)
-40° to 85°C at 10-95% RH (no frost)	-40° to 85°C at 10-95% RH (no frost)
20-90% RH	20-90% RH
IP67	IP67
80%	80%
No	No
EN60950-1	EN60950-1
EN55022 class A EN61347-2-13:2008	EN55022 class A EN61347-2-13:2008
Class I	Class I
2.615kg	2.615kg
CE, RoHS	CE, RoHS
0.75 mm <sup>2</sup>	0.75 mm <sup>2</sup>
230x120x60	230x120x60



1. Se non diversamente indicato, tutti i parametri sono misurati a un carico nominale in input di 230Vac e ad una temperatura ambiente di 25°C.
  2. Il rumore è rilevato ad una frequenza di 20MHz, usando un doppino da 12" attorcigliato terminante con un condensatore in parallelo da 0.1uf a 10uf.
  3. Tolleranza: include tolleranza con regolazione del potenziometro, regolazione di linea e regolazione di carico.
1. All parameters NOT specially mentioned are measured at 220 Vac input, rated load and 25°C of ambient temperature.
  2. Ripple and noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf and 10uf parallel capacitor.
  3. Tolerance: includes set up tolerance, line regulation and load regulation.

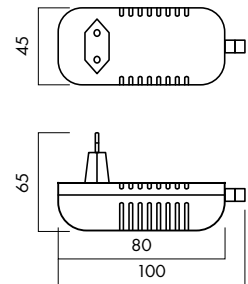
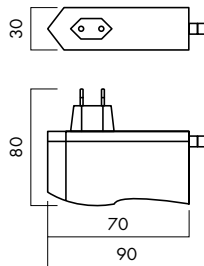
**serie ASP** **CE**  
**COSTANT VOLTAGE**



INPUT	
Input voltage	Vac
Input current	A
Input frequency	Hz
Inrush current	A
Required input fuse	
OUTPUT	
Output voltage	Vdc
Output voltage adjustment	± xx %
Output current	A
Rated output power	W
Residual ripple, switching peaks	mVpp
Overload protection	% of rated output current
Over voltage protection	V
Hold-up time	ms
Control at 10... 100% load (load regulation)	%
Parallel connection option	
ISOLATION TO ENCLOSURE	
Isolation output - earth	kVAC
Isolation input - earth	kVAC
Isolation input - output	kVAC
GENERAL DATA	
Operating temperature	°C
Storage temperature	°C
Humidity during storage	%
IP protection	
Efficiency	%
Status indicator	
Standards	EN...
Electromagnetic compatibility	EN...
Class	
Weight	kg
Approval and marks	CE, RoHS, ...
SCREW CONNECTION	
Wire cross-section	mm <sup>2</sup>
Depth x width x height	mm

CODE
<b>ASP012.12</b>
100-240Vac
0.35A at 235V
50 ~ 60HZ
20A
2A/250V
<b>12Vdc</b>
±20%
1A
<b>12W</b>
± 1.5%
+15-50%
+15-50%
≥20mS
Full load ≤0.5%
No
500Vac/1min
1500Vac/1min
1500Vac/1min
0° to 40°C at 10-90% RH
-20° to 85°C
10-90% RH
IP44
80%
Yes
EN60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013
EN55022:2010;EN55024:2010+A1:2015; EN61000-3-2:2014;EN61000-3-3:2013
Class II
0.078kg
CE, RoHS
0.1mm <sup>2</sup>
74x27x42

CODE
<b>ASP024.12</b>
100-240Vac
0.35A at 235V
50 ~ 60HZ
20A
2A/250V
<b>12Vdc</b>
±20%
2A
<b>24W</b>
± 1.5%
+15-50%
+15-50%
≥20mS
Full load ≤0.5%
No
500Vac/1min
1500Vac/1min
1500Vac/1min
0° to 40°C at 10-90% RH
-20° to 85°C
10-90% RH
IP44
80%
Yes
EN60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013
EN55022:2010;EN55024:2010+A1:2015; EN61000-3-2:2014;EN61000-3-3:2013
Class II
0.124kg
CE, RoHS
0.2mm <sup>2</sup>
83x43x30





**INPUT**

Input voltage	Vac
Input current	A
Input frequency	Hz
Inrush current	A
Required input fuse	

**OUTPUT**

Output voltage	Vdc
Output voltage adjustment	± xx %
Output current	A
Rated output power	W
Residual ripple, switching peaks	mVpp
Overload protection	% of rated output current
Over voltage protection	V
Hold-up time	ms
Control at 10... 100% load (load regulation)	%
Parallel connection option	

**ISOLATION TO ENCLOSURE**

Isolation output - earth	kVAC
Isolation input - earth	kVAC
Isolation input - output	kVAC

**GENERAL DATA**

Operating temperature	°C
Storage temperature	°C
Humidity during storage	%
IP protection	
Efficiency	%
Status indicator	
Standards	EN...
Electromagnetic compatibility	EN...

Class	
Weight	kg
Approval and marks	CE, RoHS, ...

**SCREW CONNECTION**

Wire cross-section	mm <sup>2</sup>
Depth x width x height	mm

**CODE**

**ACA036.12**

**INPUT**

Input voltage	100-240Vac
Input current	0.6A
Input frequency	50 ~ 60HZ
Inrush current	25A
Required input fuse	2A

**OUTPUT**

Output voltage	<b>12Vdc</b>
Output voltage adjustment	±20%
Output current	3A
Rated output power	<b>36W</b>
Residual ripple, switching peaks	± 1.5%
Overload protection	+15-50%
Over voltage protection	13.8V
Hold-up time	≥20mS
Control at 10... 100% load (load regulation)	Full load ≤0.5%
Parallel connection option	No

**ISOLATION TO ENCLOSURE**

Isolation output - earth	500Vac/1min
Isolation input - earth	1500Vac/1min
Isolation input - output	1500Vac/1min

**GENERAL DATA**

Operating temperature	0° to 40°C at 10-90% RH
Storage temperature	-20° to 85°C
Humidity during storage	10-90% RH
IP protection	IP44
Efficiency	80%
Status indicator	Yes
Standards	EN60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013
Electromagnetic compatibility	EN55022:2010;EN55024:2010+A1:2015; EN61000-3-2:2014;EN61000-3-3:2013

Class	Class II
Weight	0.18kg
Approval and marks	CE, RoHS

**SCREW CONNECTION**

Wire cross-section	0.2mm <sup>2</sup>
Depth x width x height	110x48x32

**CODE**

**ACA048.12**

**INPUT**

Input voltage	100-240Vac
Input current	0.8A
Input frequency	50 ~ 60HZ
Inrush current	25A
Required input fuse	2A

**OUTPUT**

Output voltage	<b>12Vdc</b>
Output voltage adjustment	±20%
Output current	4A
Rated output power	<b>48W</b>
Residual ripple, switching peaks	± 1.5%
Overload protection	+15-50%
Over voltage protection	13.8-16.2V
Hold-up time	≥20mS
Control at 10... 100% load (load regulation)	Full load ≤0.5%
Parallel connection option	No

**ISOLATION TO ENCLOSURE**

Isolation output - earth	500Vac/1min
Isolation input - earth	1500Vac/1min
Isolation input - output	1500Vac/1min

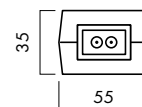
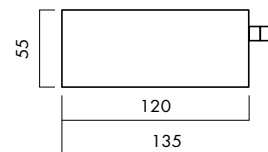
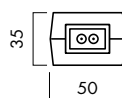
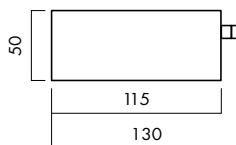
**GENERAL DATA**

Operating temperature	0° to 40°C at 10-90% RH
Storage temperature	-20° to 85°C
Humidity during storage	10-90% RH
IP protection	IP44
Efficiency	80%
Status indicator	Yes
Standards	EN60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013
Electromagnetic compatibility	EN55022:2010;EN55024:2010+A1:2015; EN61000-3-2:2014;EN61000-3-3:2013

Class	Class II
Weight	0.194kg
Approval and marks	CE, RoHS

**SCREW CONNECTION**

Wire cross-section	0.2mm <sup>2</sup>
Depth x width x height	120x56x35

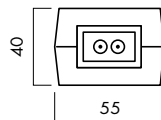
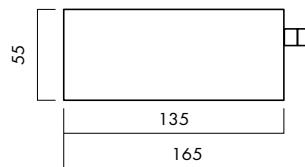
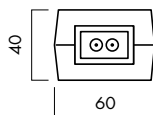
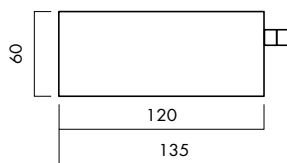






CODE
<b>ACA060.12</b>
100-240Vac
1.2A
50 ~ 60HZ
25A
3.15A
<b>12Vdc</b>
±20%
<b>5A</b>
<b>60W</b>
± 1.5%
+15-50%
13.8-16.2V
≥20mS
Full load ≤0.5%
No
500Vac/1min
1500Vac/1min
1500Vac/1min
0° to 40°C at 10-90% RH
-20° to 85°C
10-90% RH
IP44
80%
Yes
EN60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013
EN55022:2010;EN55024:2010+A1:2015; EN61000-3-2:2014;EN61000-3-3:2013
Class II
0.224kg
CE, RoHS
0.5mm <sup>2</sup>
122x60x39

CODE
<b>ACA084.12</b>
100-240Vac
1.4A
50 ~ 60HZ
30A
5A
<b>12Vdc</b>
±20%
<b>7A</b>
<b>84W</b>
± 1.5%
+15-50%
13.8-16.2V
≥20mS
Full load ≤0.5%
No
500Vac/1min
1500Vac/1min
1500Vac/1min
0° to 40°C at 10-90% RH
-20° to 85°C
10-90% RH
IP44
80%
Yes
EN60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013
EN55022:2010;EN55024:2010+A1:2015; EN61000-3-2:2014;EN61000-3-3:2013
Class II
0.65kg
CE, RoHS
0.75mm <sup>2</sup>
170x80x40



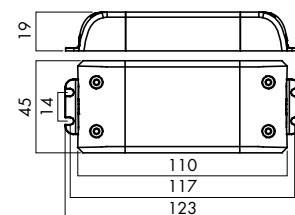
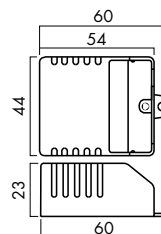
**serie APC** **CE**  
**COSTANT CURRENT**



INPUT	
Input voltage	Vac
Input current	A
Input frequency	Hz
Inrush current	A
Required input fuse	
OUTPUT	
Output voltage	Vdc
Number of LEDs	x - y LEDs
Output voltage adjustment	± xx %
Output current	mA
Rated output power	W
Residual ripple, switching peaks	mVpp
Overload protection	% of rated output current
Over voltage protection	V
Hold-up time	ms
Control at 10... 100% load (load regulation)	%
Parallel connection option	
ISOLATION TO ENCLOSURE	
Isolation output - earth	kVAC
Isolation input - earth	kVAC
Isolation input - output	kVAC
GENERAL DATA	
Operating temperature	°C
Storage temperature	°C
Humidity during storage	%
IP protection	
Efficiency	%
Status indicator	
Standards	EN...
Electromagnetic compatibility	EN...
Class	
Weight	kg
Approval and marks	CE, RoHS, ...
SCREW CONNECTION	
Wire cross-section	mm <sup>2</sup>
Depth x width x height	mm

CODE		
APC006.350	APC006.500	APC006.650
INPUT		
100-240Vac		
0.08A		
50 ~ 60Hz		
N/A		
0.22R 1/4W		
OUTPUT		
3-22Vdc	6-14Vdc	3-12Vdc
<b>1-7</b>	<b>2-4</b>	<b>1-3</b>
±5%		
<b>350mA</b>	<b>500mA</b>	<b>650mA</b>
<b>6W</b>		
≤200		
1.15%		
24V	16V	14V
N/A		
4.8%	4.5%	4.5%
N/A		
ISOLATION TO ENCLOSURE		
N/A		
N/A		
3.75Vac/1min		
GENERAL DATA		
-10 to 50°C		
-20 to 80°C		
20-90% RH		
IP20		
75%		
N/A		
EN61347		
EN55015 EN61547		
Class II		
0.04kg		
CE, RoHS		
SCREW CONNECTION		
1.5 mm <sup>2</sup>		
60x44x23		

CODE		
APC012.350	APC012.500	APC012.650
INPUT		
220-240Vac		
0.12A at 235V		
50 ~ 60Hz		
18A		
1.25A/250V		
OUTPUT		
8.4-38Vdc	5.5-27Vdc	3.5-18Vdc
<b>3-10</b>	<b>2-7</b>	<b>1-4</b>
N/A		
<b>350mA</b>	<b>500mA</b>	<b>650mA</b>
<b>12W</b>		
N/A		
N/A		
40V	30V	21V
20ms at 230V		
5%		
No		
ISOLATION TO ENCLOSURE		
N/A		
N/A		
3.75Vac/1min		
GENERAL DATA		
-15° to 45°C		
-40° to 80°C		
5-85% RH		
IP20		
83%	83%	85%
No		
EN61347-1 EN61347-2-13		
EN55015		
Class II		
0.065kg		
CE, RoHS, TUV, SELV		
SCREW CONNECTION		
Input: 2 x 0.5-0.75 Output: 2 x 0.5-2.5		
123x45x19		



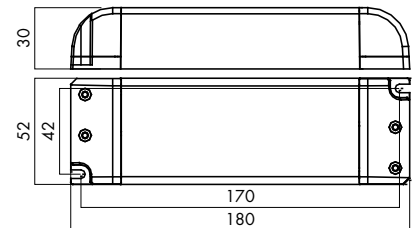
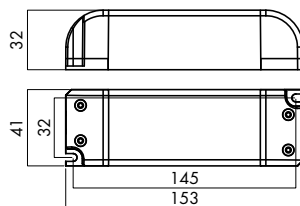
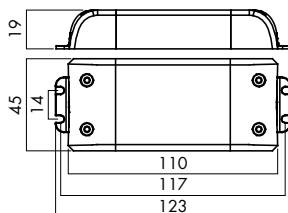


CODE		
<b>APC020.350</b>	<b>APC020.500</b>	<b>APC020.650</b>
220-240Vac		
0.2A at 235V		
50 ~ 60Hz		
19A		
1.25A/250V		
16-57Vdc	14-40Vdc	20-34Vdc
<b>6-15</b>	<b>4-10</b>	<b>3-9</b>
N/A		
<b>350mA</b>	<b>500mA</b>	<b>650mA</b>
<b>20W</b>		
N/A		
N/A		
60V	43V	37V
50ms at 230V		
5%		
No		
N/A		
N/A		
3.75Vac/1min		
-15° to 45°C		
-40° to 80°C		
5-85% RH		
IP20		
85%	88%	85%
No		
EN61347-1 EN61347-2-13		
EN55015		
Class II		
0.07kg		
CE, RoHS, TUV, SELV		
Input: 2 x 0.5-0.75		
Output: 2 x 0.5-2.5		
123x45x19		

CODE
<b>APC030.700</b>
220-240Vac
0.15A at 235V
50 ~ 60Hz
18A
1.25A/250V
28-43Vdc
<b>8-12</b>
N/A
<b>700mA</b>
<b>30W</b>
N/A
N/A
46V
N/A
N/A
No
N/A
N/A
3.75Vac/1min
-15° to 45°C
-40° to 80°C
5-85% RH
IP20
89%
No
IEC 62384:2006
EN55015 EN61547
Class II
0.14kg
CE, RoHS, SELV
Input: 2 x 0.5-0.75
Output: 2 x 0.5-2.5
153x41x32

CODE
<b>APC036.1040</b>
220-240Vac
0.18A at 235V
50 ~ 60Hz
18A
1.25A/250V
24-35Vdc
N/A
<b>1050mA</b>
<b>36W</b>
N/A
N/A
38V
N/A
N/A
No
N/A
N/A
3.75Vac/1min
-15° to 45°C
-40° to 80°C
5-85% RH
IP20
88%
No
IEC 62384:2006
EN55015 EN61547
Class II
0.14kg
CE, RoHS, SELV
Input: 2 x 0.5-0.75
Output: 2 x 0.5-2.5
153x41x32

CODE	
<b>APC050.1040</b>	<b>APC050.1400</b>
220-240Vac	
0.25A at 235V	
50 ~ 60Hz	
28A	
1.25A/250V	
32-48Vdc	24-36Vdc
N/A	
<b>1050mA</b>	<b>1400mA</b>
<b>50W</b>	
N/A	
N/A	
49V	37V
N/A	
N/A	
No	
N/A	
N/A	
3.75Vac/1min	
-15° to 45°C	
-40° to 80°C	
5-85% RH	
IP20	
90%	89%
No	
IEC 62384:2006	
EN55015 EN61547	
Class II	
0.2kg	
CE, RoHS, SELV	
Input: 2 x 0.5-0.75	
Output: 2 x 0.5-2.5	
180x52x30	



**serie AST** **CE**  
**COSTANT VOLTAGE**



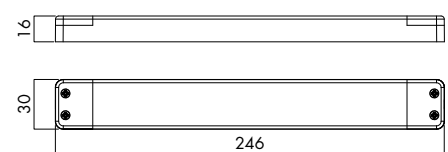
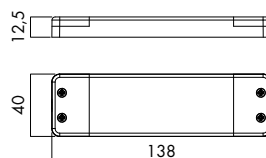
INPUT	
Input voltage	Vac
Input current	A
Input frequency	Hz
Inrush current	A
Required input fuse	
OUTPUT	
Output voltage	Vdc
Output voltage adjustment	± xx %
Output current	A
Rated output power	W
Residual ripple, switching peaks	mVpp
Overload protection	% of rated output current
Over voltage protection	V
Hold-up time	ms
Control at 10... 100% load (load regulation)	%
Parallel connection option	
ISOLATION TO ENCLOSURE	
Isolation output - earth	kVAC
Isolation input - earth	kVAC
Isolation input - output	kVAC
GENERAL DATA	
Operating temperature	°C
Storage temperature	°C
Humidity during storage	%
IP protection	
Efficiency	%
Status indicator	
Standards	EN...
Electromagnetic compatibility	EN...
Class	
Weight	kg
Approval and marks	CE, RoHS, ...
SCREW CONNECTION	
Wire cross-section	mm <sup>2</sup>
Depth x width x height	mm

CODE	
AST015.12	AST015.24
220-240Vac	
0.16A at 235V	
50 ~ 60Hz	
18A	
1.25A/250V	
12Vdc	24Vdc
±5%	
1.25A	0.63A
<b>15W</b>	
848mV	1700mV
+20%	
12.6V	25.2V
20ms at 230V	
N/A	
No	
N/A	
N/A	
3.75Vac/1min	
GENERAL DATA	
-15° to 45°C	
-40° to 80°C	
5-85% RH	
IP20	
82%	84%
No	
IEC 62384:2006	
EN55015 EN61547	
Class II	
0.055kg	
CE, RoHS, TUV, SELV	
SCREW CONNECTION	
1.5 mm <sup>2</sup>	
138x40x12.5	

CODE	
AST030.12	AST030.24
220-240Vac	
0.16A at 235V	
50 ~ 60Hz	
19A	
1.25A/250V	
12Vdc	24Vdc
±5%	
2.5A	1.25A
<b>30W</b>	
848mV	1700mV
+10%	
12.6V	25.2V
150ms at 230V	
N/A	
No	
N/A	
N/A	
3.75Vac/1min	
GENERAL DATA	
-15° to 45°C	
-40° to 80°C	
5-85% RH	
IP20	
85%	88%
No	
IEC 62384:2006	
EN55015 EN61547	
Class II	
0.105kg	
CE, RoHS, TUV, SELV	
SCREW CONNECTION	
1.5 mm <sup>2</sup>	
246x30x16	



**SUPER SLIM**



**serie ACP** **CE**  
**COSTANT CURRENT**

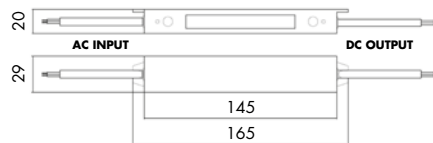


INPUT	
Input voltage	Vac
Input current	A
Input frequency	Hz
Inrush current	A
Required input fuse	
OUTPUT	
Output voltage	Vdc
Number of LEDs	x - y LEDs
Output voltage adjustment	± xx %
Output current	mA
Rated output power	W
Residual ripple, switching peaks	mVpp
Overload protection	% of rated output current
Over voltage protection	V
Hold-up time	ms
Control at 10... 100% load (load regulation)	%
Parallel connection option	
ISOLATION TO ENCLOSURE	
Isolation output - earth	kVAC
Isolation input - earth	kVAC
Isolation input - output	kVAC
GENERAL DATA	
Operating temperature	°C
Storage temperature	°C
Humidity during storage	%
IP protection	
Efficiency	%
Status indicator	
Standards	EN...
Electromagnetic compatibility	EN...
Class	
Weight	kg
Approval and marks	CE, RoHS, ...
SCREW CONNECTION	
Wire cross-section	mm <sup>2</sup>
Depth x width x height	mm

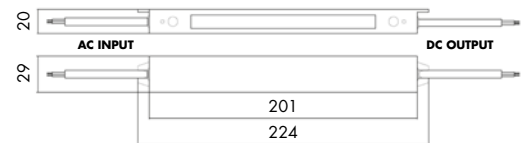
CODE
<b>ACP015.500</b>
170-265Vac
0.13A/230Vac
47 ~ 63Hz
0.85A
2A
12-30Vdc
<b>4-9</b>
±5%
<b>500mA</b>
<b>15W</b>
500mV
120%
≤1.2*V out
N/A
40% - 100%
No
0.5kVac
1.88kVac
3.75kVac
-25° to 50°C
-40° to 80°C
20-95% RH
IP67
85%
No
EN61347-2-13.IP67
No
Class I
0.2kg
CE
0.75 mm <sup>2</sup>
165x29x20

CODE
<b>ACP018.350</b>
170-265Vac
0.16A/230Vac
47 ~ 63Hz
16A
2A
20-50Vdc
<b>7-13</b>
±5%
<b>350mA</b>
<b>18W</b>
800mV
120%
≤1.2*V out
N/A
40% - 100%
No
0.5kVac
1.88kVac
3.75kVac
-25° to 50°C
-40° to 80°C
20-95% RH
IP67
85%
No
EN61347-2-13.IP67
No
Class I
0.25kg
CE
0.75 mm <sup>2</sup>
165x29x20

CODE
<b>ACP032.700</b>
170-265Vac
0.28A/230Vac
47 ~ 63Hz
1.0A
2A
18-45Vdc
<b>6-13</b>
±5%
<b>700mA</b>
<b>31.5W</b>
600mV
120%
≤1.2*V out
N/A
40% - 100%
No
0.5kVac
1.88kVac
3.75kVac
-25° to 50°C
-40° to 80°C
20-95% RH
IP67
85%
No
EN61347-2-13.IP67
No
Class I
0.25kg
CE
0.75 mm <sup>2</sup>
224x29x20



ACP015W/ACP018W



ACP032W

**serie APP** **CE**  
**COSTANT VOLTAGE**



**INPUT**

Input voltage	Vac
Input current	A
Input frequency	Hz
Inrush current	A
Required input fuse	

**OUTPUT**

Output voltage	Vdc
Output voltage adjustment	± xx %
Output current	A
Rated output power	W
Residual ripple, switching peaks	mVpp
Overload protection	% of rated output current
Over voltage protection	V
Hold-up time	ms
Control at 10... 100% load (load regulation)	%
Parallel connection option	

**ISOLATION TO ENCLOSURE**

Isolation output - earth	kVAC
Isolation input - earth	kVAC
Isolation input - output	kVAC

**GENERAL DATA**

Operating temperature	°C
Storage temperature	°C
Humidity during storage	%
IP protection	
Efficiency	%
Status indicator	
Standards	EN...
Electromagnetic compatibility	EN...
Class	
Weight	kg
Approval and marks	CE, RoHS, ...

**SCREW CONNECTION**

Wire cross-section	mm <sup>2</sup>
Depth x width x height	mm

**CODE**

<b>APP003.12</b>	<b>APP003.24</b>
------------------	------------------

**INPUT**

100-240Vac
0.04A
50 ~ 60Hz
N/A
0.22R 1/4W

**OUTPUT**

<b>12Vdc</b>	<b>24Vdc</b>
	±5%
Max 0.25A	Max 0.125A
<b>3W</b>	
800mV	1500mV
120%	
12.6V	25.2V
N/A	
0.05%	
Yes	

**ISOLATION TO ENCLOSURE**

N/A
N/A
3.75Vac/1min

**GENERAL DATA**

-10° to 50°C	
-20° to 80°C	
20-90% RH	
IP67	
73%	74%
N/A	
EN61347	
EN55015 EN61547	
Class II	
0.03kg	
CE, RoHS	

**SCREW CONNECTION**

0.75 mm <sup>2</sup>
51.5x26x21

**CODE**

<b>APP009.12</b>	<b>APP009.24</b>
------------------	------------------

**INPUT**

100-240Vac
0.09A
50 ~ 60Hz
N/A
0.22R 1/4W

**OUTPUT**

<b>12Vdc</b>	<b>24Vdc</b>
	±5%
Max 0.75A	Max 0.35A
<b>9W</b>	
740mV	800mV
120%	
12.6V	25.2V
N/A	
0.05%	
Yes	

**ISOLATION TO ENCLOSURE**

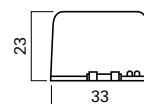
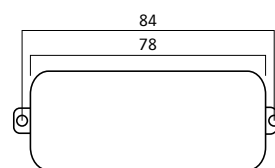
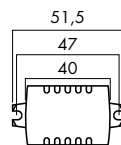
N/A
N/A
3.75Vac/1min

**GENERAL DATA**

-10° to 50°C	
-20° to 80°C	
20-90% RH	
IP67	
80%	83%
N/A	
EN61347	
EN55015 EN61547	
Class II	
0.07kg	
CE, RoHS	

**SCREW CONNECTION**

0.75 mm <sup>2</sup>
90x34x23



**serie APP** **CE**  
**COSTANT CURRENT**



CODE		
<b>APP003.350</b>	<b>APP003.500</b>	<b>APP003.650</b>

CODE		
<b>APP006.350</b>	<b>APP006.500</b>	<b>APP006.650</b>

**INPUT**

Input voltage	Vac
Input current	A
Input frequency	Hz
Inrush current	A
Required input fuse	

100-240Vac
0.04A
50 ~ 60Hz
N/A
0.22R 1/4W

100-240Vac
0.08A
50 ~ 60Hz
N/A
0.22R 1/4W

**OUTPUT**

Output voltage	Vdc
Number of LEDs	x - y LEDs
Output voltage adjustment	± xx %
Output current	mA
Rated output power	W
Residual ripple, switching peaks	mVpp
Overload protection	% of rated output current
Over voltage protection	V
Hold-up time	ms
Control at 10... 100% load (load regulation)	%
Parallel connection option	

3-12Vdc	3-7Vdc	3-5Vdc
<b>1-3</b>	<b>1-2</b>	<b>1</b>
	±5%	
<b>350mA</b>	<b>500mA</b>	<b>650mA</b>
	<b>3W</b>	
	≤200	
	1.15%	
14V	8V	7V
	N/A	
2.8%	1.6%	1.5%
	N/A	

10-21Vdc	3-12Vdc	3-10Vdc
<b>3-6</b>	<b>1-3</b>	<b>1-2</b>
	±5%	
<b>350mA</b>	<b>500mA</b>	<b>650mA</b>
	<b>6W</b>	
	≤200	
	1.15%	
23V	14V	12V
	N/A	
4.8%	4.5%	4.5%
	N/A	

**ISOLATION TO ENCLOSURE**

Isolation output - earth	kVAC
Isolation input - earth	kVAC
Isolation input - output	kVAC

N/A
N/A
3.75Vac/1min

N/A
N/A
3.75Vac/1min

**GENERAL DATA**

Operating temperature	°C
Storage temperature	°C
Humidity during storage	%
IP protection	
Efficiency	%
Status indicator	
Standards	EN...
Electromagnetic compatibility	EN...
Class	
Weight	kg
Approval and marks	CE, RoHS, ...

-10 to 50°C
-20 to 80°C
20-90% RH
IP67
70%
N/A
EN61347
EN55015 EN61547
Class II
0.04kg
CE, RoHS

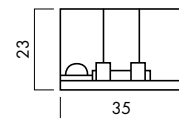
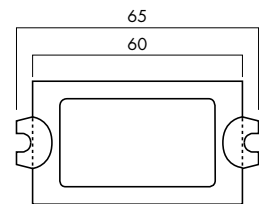
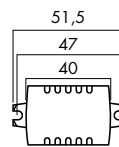
-10 to 50°C
-20 to 80°C
20-90% RH
IP67
78%
N/A
EN61347
EN55015 EN61547
Class II
0.07kg
CE, RoHS

**SCREW CONNECTION**

Wire cross-section	mm <sup>2</sup>
Depth x width x height	mm

0.75 mm <sup>2</sup>
51.5x26x21

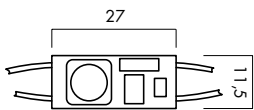
1.5 mm <sup>2</sup>
65x35x23



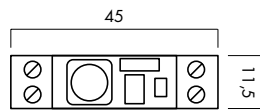
# serie DRIVER COSTANT CURRENT

MODEL	CODE	OUTPUT CURRENT	NUMBER OF LEDS	INPUT VOLTAGE	CONNECTION	DIMENTION	IP PROTECTION
<b>DRV.M</b>	DRV350.M	350mA	1 LED	12Vdc	Connector	33x7,5mm	IP54
	DRV500.M	500mA					
	DRV650.M	650mA					
<b>DRV</b>	DRV350	350mA	1-6 LED	12/24Vdc	Cable	27x11,5mm	IP20
	DRV500	500mA					
	DRV650	650mA					
<b>DRV.C</b>	DRV350.C	350mA	1-6 LED	12/24Vdc	Connector	45x11,5mm	IP20
	DRV500.C	500mA					
	DRV650.C	650mA					
<b>DRV.IP</b>	DRV350.IP	350mA	1-6 LED	12/24Vdc	Cable	29x15mm	IP67
	DRV500.IP	500mA					
	DRV650.IP	650mA					
<b>DRVRGB</b>	DRVRGB	350mA	1-6 LED	12/24Vdc	Cable	27x34,5mm	IP20
	DRVRGB.C	350mA			Connector	45x34,5mm	IP20
	DRVRGB.IP	350mA			Cable	29x42mm	IP67

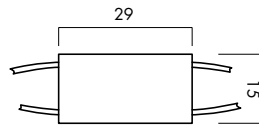
DRV



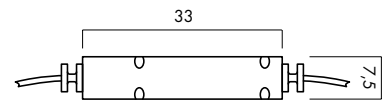
DRV.C



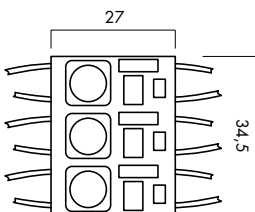
DRV.IP



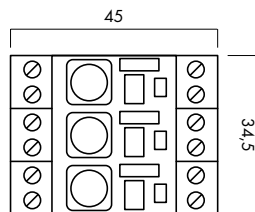
DRV.M



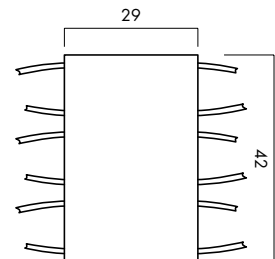
DRVRGB



DRVRGB.C



DRVRGB.IP





## Alimentatori DI CAMBIO

CODICE	MODELLO/MODELLI	DESCRIZIONE
9600405001	ARES	Alimentatore di ricambio per famiglia ARES
9600405002	ZEUS6060	Alimentatore di ricambio per ZEUS6060
9600405003	ZEUS, EOS, ISIDE	Alim. di ricambio per ZE1001/03/50, EO1001, IS1001
9600405004	ZEUS1020	Alimentatore di ricambio per ZEUS1020
9600405005	ZEUS1030	Alimentatore di ricambio per ZEUS1030
9600405006	ZEUS1040	Alimentatore di ricambio per ZEUS1040
9600405007	ZEUS1006	Alimentatore di ricambio per ZEUS1006
9600405008	ZEUS1046	Alimentatore di ricambio per ZEUS1046
9600405009	ZEUS1048	Alimentatore di ricambio per ZEUS1048
9600405010	ZEUS6060	Alimentatore dimmerabile per ZEUS6060
9600405011	WU011	Alimentatore di ricambio per WU011
9600405012	TRITONE1060	Alimentatore di ricambio per TRITONE1060
9600405013	TRITONE1061	Alimentatore di ricambio per TRITONE1061
9600405014	TRITONE1062	Alimentatore di ricambio per TRITONE1062
9600405015	TRITONE1063	Alimentatore di ricambio per TRITONE1063
9600405016	TRITONE1064	Alimentatore di ricambio per TRITONE1064
9600405017	TRITONE1065	Alimentatore di ricambio per TRITONE1065
9600405018	HELIOS3144, HELIOS6644	Alimentatore di ricambio per HELIOS 44W
9600405019	HELIOS6636	Alimentatore di ricambio per HELIOS 36W
9600405020	ARES3004	Alimentatore di ricambio per ARES3004
9600405021	ARES1070, ARES1080	Alimentatore di ricambio per ARES1070 e ARES1080
9600405022	ZEUS1184, 1ZEUS185	Alimentatore di ricambio per ZEUS1184 e ZEUS1185
9600405023	ZEUS1194, ZEUS1195	Alimentatore di ricambio per ZEUS1194 e ZEUS1195
9600405024	ZEUS1204, ZEUS1205	Alimentatore di ricambio per ZEUS1204 e ZEUS1205



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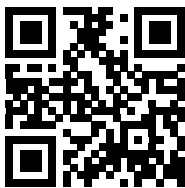
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Consorzio per il Recupero  
e lo Smaltimento  
di Apparecchiature  
di Illuminazione



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