



Switch mode power supplies

## 16ADA series

Max. output power 16W



This product is intended for general use to feed electric and electronic devices in covered rooms, in environments without risk of explosion.

Suitable to place inside cameras of security systems

Mounting with self-adhesive tape

Stabilized output voltage

Voltage range from 3,1V to 48V

Input - twin-lead power wire with double insulation

Output - twin-lead wire

Protection degree IP20

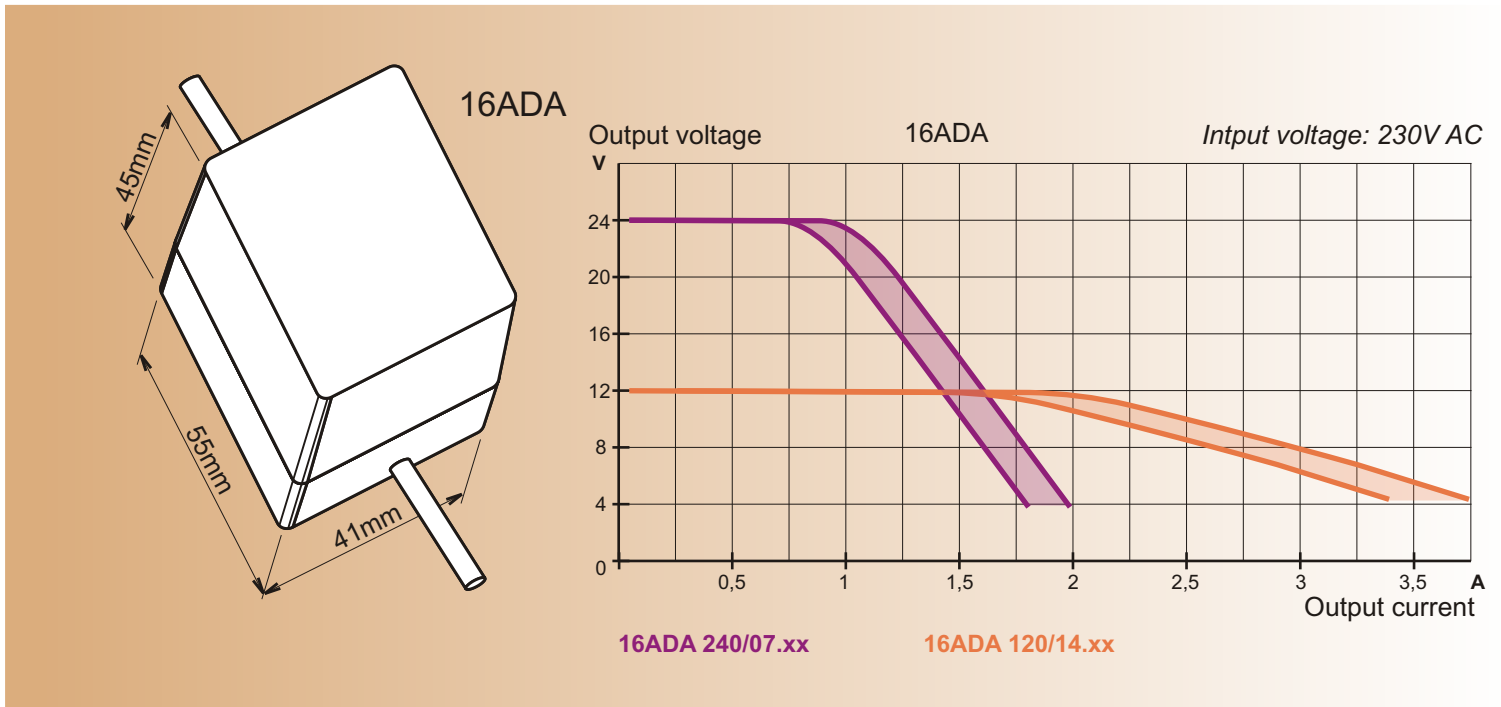
	Output voltage	Output current	Stability	Ripple 50 Hz max.	Noise p-p max.
16ADA030/25.xx	3,1 V	2,5 A	2 %	<130 mV	<150 mV pp
16ADA050/25.xx	5,1 V	2,5 A	2 %	<130 mV	<150 mV pp
16ADA060/25.xx	6 V	2,5 A	2 %	<120 mV	<150 mV pp
16ADA069/14.xx	6,9 V	1,4 A	2 %	<120 mV	<150 mV pp
16ADA090/14.xx	9 V	1,4 A	1 %	<120 mV	<150 mV pp
16ADA120/14.xx	12 V	1,4 A	1 %	<120 mV	<150 mV pp
16ADA138/12.xx	13,8 V	1,2 A	1 %	<100 mV	<100 mV pp
16ADA150/11.xx	15 V	1,1 A	1 %	<100 mV	<100 mV pp
16ADA180/09.xx	18 V	0,9 A	1 %	<80 mV	<100 mV pp
16ADA240/07.xx	24 V	0,7 A	1 %	<80 mV	<100 mV pp
16ADA276/06.xx	27,6 V	0,6 A	1 %	<80 mV	<100 mV pp
16ADA480/03.xx	48 V	0,3 A	1 %	<120 mV	<150 mV pp

.xx - double-digit number defines type of connector on output wire

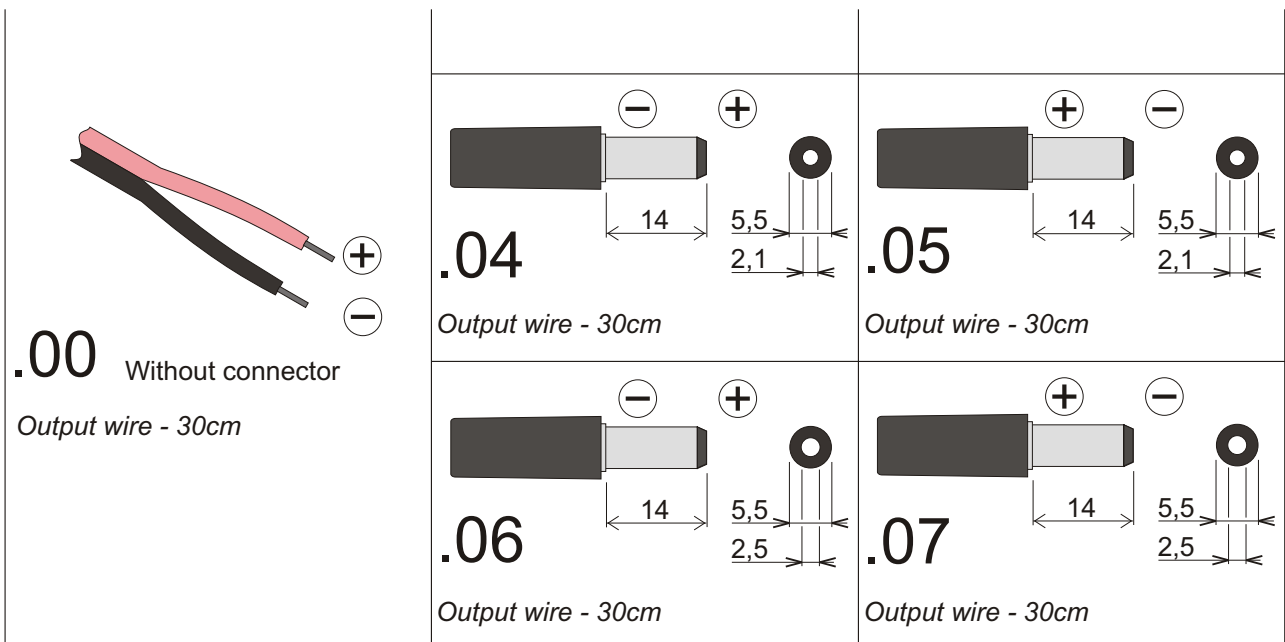
.00 - without output connector

### TECHNICAL SPECIFICATION

Input voltage	195 - 255 V AC
Operating temperature	-15 °C to +40 °C
Short-circuit protection on output	< 1 min. (short-term)
Insulation voltage	3 000 V AC
Weight	130 g
Electrical safety standard	EN 60950-1:2003
EMC standards	EN 55011+A1:2002
	EN 61000-3-2:2002
	EN 61000-3-3:2000+A1:2003
	EN 61000-6-1:2003



Customer can choose the type of connector after consultation with manufacturer.



**... mounting with self-adhesive tape series 16ADA**

This method of mounting without usage of tools and such operations as drilling is usable to advantage especially with additional installation into electric and electronic devices, e.g. placing the power supply directly into camera cover.



Switch mode power supplies

## 16ADR series

Max. output power 16W



This product is intended for general use to feed electric and electronic devices in covered rooms, in environments without risk of explosion.

DIN-rail mounting

Stabilized output voltage

Voltage range from 3,1V to 48V

Input - clamps

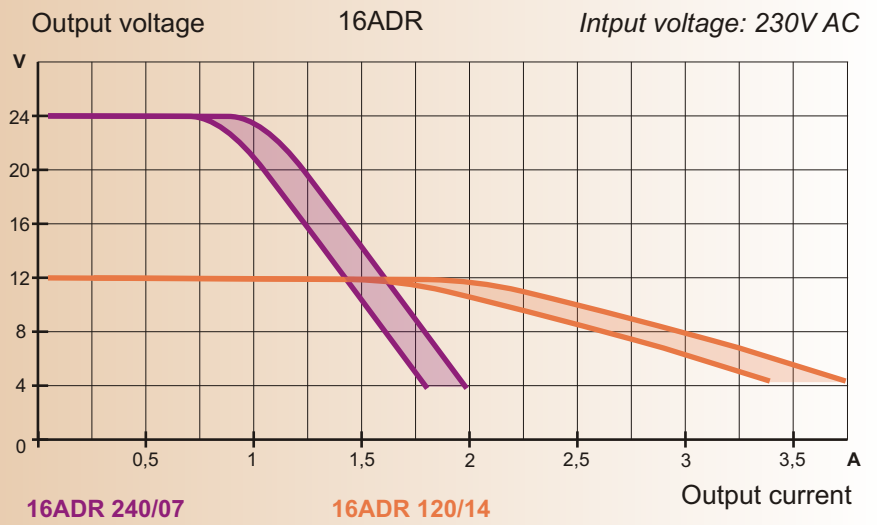
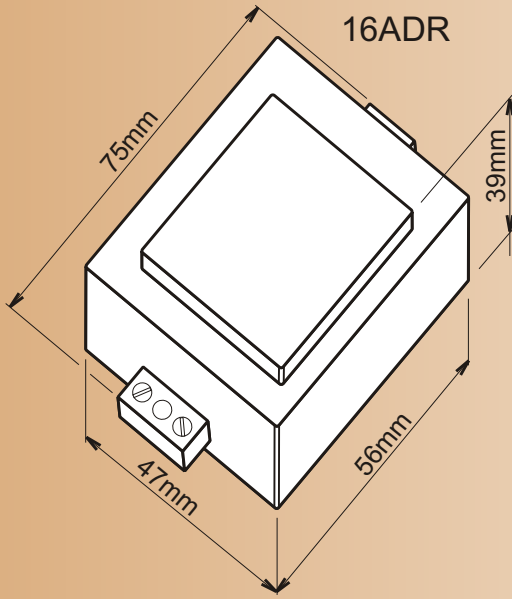
Output - clamps

Protection degree IP00

	Output voltage	Output current	Stability	Ripple 50 Hz max.	Noise p-p max.
16ADR030/25	3,1 V	2,5 A	2 %	<130 mV	<150 mV pp
16ADR050/25	5,1 V	2,5 A	2 %	<130 mV	<150 mV pp
16ADR060/25	6 V	2,5 A	2 %	<120 mV	<150 mV pp
16ADR069/14	6,9 V	1,4 A	2 %	<120 mV	<150 mV pp
16ADR090/14	9 V	1,4 A	1 %	<120 mV	<150 mV pp
16ADR120/14	12 V	1,4 A	1 %	<120 mV	<150 mV pp
16ADR138/12	13,8 V	1,2 A	1 %	<100 mV	<100 mV pp
16ADR150/11	15 V	1,1 A	1 %	<100 mV	<100 mV pp
16ADR180/09	18 V	0,9 A	1 %	<80 mV	<100 mV pp
16ADR240/07	24 V	0,7 A	1 %	<80 mV	<100 mV pp
16ADR276/06	27,6 V	0,6 A	1 %	<80 mV	<100 mV pp
16ADR480/03	48 V	0,3 A	1 %	<120 mV	<150 mV pp

### TECHNICAL SPECIFICATION

Input voltage	195 - 255 V AC
Operating temperature	-15 °C to +40 °C
Short-circuit protection on output	< 1 min. (short-term)
Insulation voltage	3 000 V AC
Weight	130 g
Electrical safety standard	EN 60950-1:2003
EMC standards	EN 55011+A1:2002 EN 61000-3-2:2002 EN 61000-3-3:2000+A1:2003 EN 61000-6-1:2003





Switch mode power supplies

## 16ADS series

Max. output power 16W



This product is intended for general use to feed electric and electronic devices in covered rooms, in environments without risk of explosion.

Power supplies are PLUG-IN type

Stabilized output voltage

Voltage range from 3,1V to 48V

Output - twin-lead wire

Protection degree IP20

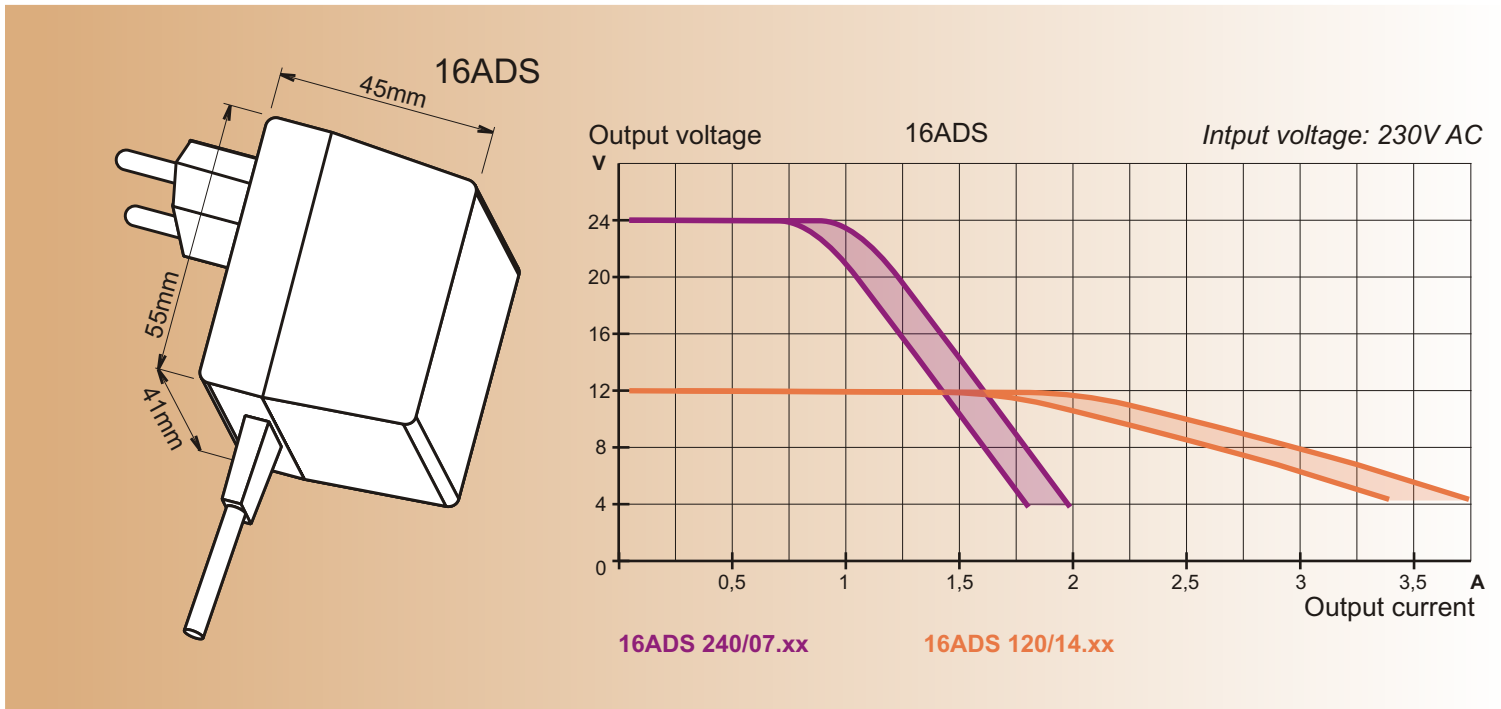
	Output voltage	Output current	Stability	Ripple 50 Hz max.	Noise p-p max.
16ADS030/25.xx	3,1 V	2,5 A	2 %	<130 mV	<150 mV pp
16ADS050/25.xx	5,1 V	2,5 A	2 %	<130 mV	<150 mV pp
16ADS060/25.xx	6 V	2,5 A	2 %	<120 mV	<150 mV pp
16ADS069/14.xx	6,9 V	1,4 A	2 %	<120 mV	<150 mV pp
16ADS090/14.xx	9 V	1,4 A	1 %	<120 mV	<150 mV pp
16ADS120/14.xx	12 V	1,4 A	1 %	<120 mV	<150 mV pp
16ADS138/12.xx	13,8 V	1,2 A	1 %	<100 mV	<100 mV pp
16ADS150/11.xx	15 V	1,1 A	1 %	<100 mV	<100 mV pp
16ADS180/09.xx	18 V	0,9 A	1 %	<80 mV	<100 mV pp
16ADS240/07.xx	24 V	0,7 A	1 %	<80 mV	<100 mV pp
16ADS276/06.xx	27,6 V	0,6 A	1 %	<80 mV	<100 mV pp
16ADS480/03.xx	48 V	0,3 A	1 %	<120 mV	<150 mV pp

.xx - double-digit number defines type of connector on output wire

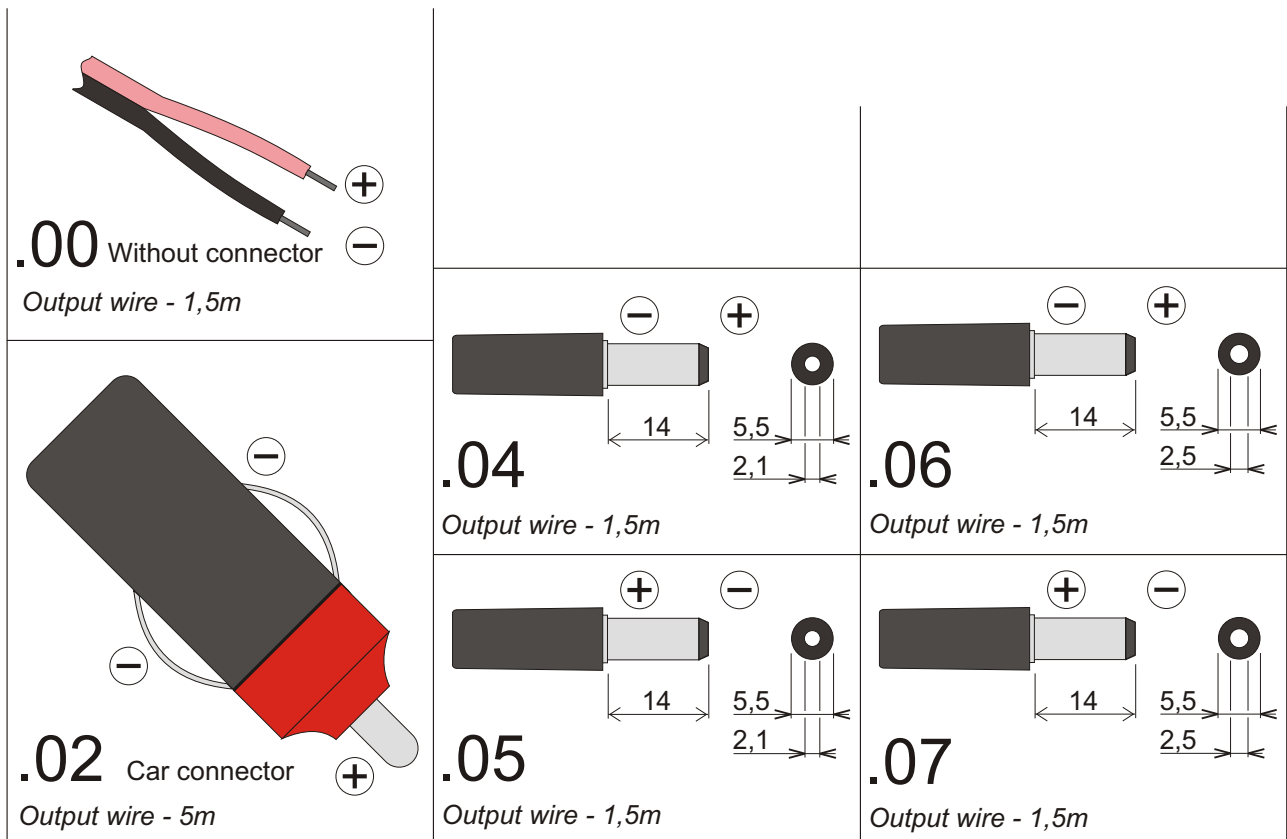
.00 - without output connector

### TECHNICAL SPECIFICATION

Input voltage	195 - 255 V AC
Operating temperature	-15 °C to +40 °C
Short-circuit protection on output	< 1 min. (short-term)
Insulation voltage	3 000 V AC
Weight	130 g
Electrical safety standard	EN 60950-1:2003
EMC standards	EN 55011+A1:2002 EN 61000-3-2:2002 EN 61000-3-3:2000+A1:2003 EN 61000-6-1:2003



Customer can choose the type of connector after consultation with manufacturer.



**... usage of car connector .02**

Using of car connector, e.g. for 13,8 V power supplies of type 16ADS makes it possible, among other, to maintain accumulators in charged state directly in vehicle through lighter connector or through specially for this purpose led out connector. It can be used to advantage with fire service vehicles, that have to be always ready to drive out and while parking startup accumulators lose capacity due to self discharge and in winter also because of low temperature.