

Desktop type switch mode power supply 12V/DC for CCTV cameras

CODE: PSD12006, PSD12010, PSD12020, PSD12030,
PSD12050, PSD12070, PSD12100

EN

DESCRIPTION

Stabilised DC power supply is intended for cameras installed in CCTV industrial systems. The unit has a cable with a DC5.5/2.1 pin. When connected to fuse blocks of the LB4/xx/xx or LB8/xx/xx family, the power supply unit can feed more cameras (max. 4 or 8). The unit is protected against short-circuit and overload.



Fig. 1



Fig. 2



Fig. 3



Fig. 4

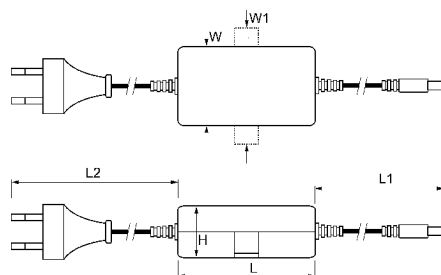
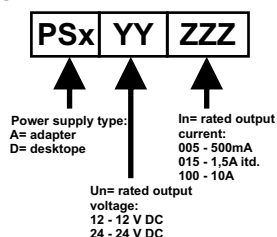


Fig. 5

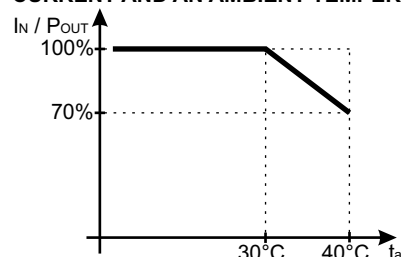


Fig. 6

DESIGNATION OF POWER SUPPLY TYPE



GRAPH 1. RELATION BETWEEN OUTPUT CURRENT AND AN AMBIENT TEMPERATURE.



TECHNICAL DATA

	PSD 12006	PSD 12010	PSD 12020	PSD 12030	PSD 12050	PSD 12070	PSD 12100
Housing	Fig.1	Fig.1	Fig.2	Fig.3	Fig.4	Fig.5	Fig.6
Dimensions (L x W(W1) x H)	65x36(56) x30	65x36(56) x30	86x50(72) x32	107x47(82) x33	112x52(81) x35	116x56(84) x37	175x72(101)x45
Net/Gross weight	130g/155g	130g/155g	205g/235g	250g/280g	300g/340g	350g/395g	650g/710g
DC plug	DC5,5/2,1 female						
AC cable length	115cm	115cm	115cm	115cm	145cm	145cm	145cm
DC cable length	145cm	145cm	145 cm	145cm	115cm	125cm	150cm
Supply voltage	100 V ÷ 240 V AC 50/60 Hz						
Maximum AC voltage variation	90 V ÷ 264 V AC 50/60 Hz						
Output power	7,2W _{MAX}	12W _{MAX}	24W _{MAX}	36W _{MAX}	60W _{MAX}	84W _{MAX}	120W _{MAX}
Output voltage	12 V DC						
Maximum output current for t _{AMB} <30°C	0,6A*	1A*	2A*	3A*	5A*	7A*	10A*
Maximum output current for t _{AMB} =40°C	0,4A*	0,7A*	1,4A*	2,1A*	3,5A*	4,9A*	7A*
Output ripple voltage	<120mV						
Short circuit protection / overload protection	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Operation status indication	Yes - LED	Yes - LED	Yes - LED	Yes - LED	Yes - LED	Yes - LED	Yes - LED
Operation condition	0 ÷ 40°C , RH 10 ÷ 90 % , no condensation						
Accessories	Fuse blocks: LB4/xx/xx or LB8/xx/xx Adapter CABLE – DC 5,5 2,1 PLUG – code ML109						
Remarks	(3)	(3)	(3)	(3)	(3)	(1), (3)	(1), (2), (3)

* - refer to graph 1

(1) - detachable AC cable, supplying with power supply (EV 1,2m code PSD12)

(2) - power supply with PFC circuit

(3) - power supply with fastening clips