

20 WATT AC-DC CONVERTER

Type	V _{in}	V _{out}	I _{out}
GS20AC-12	230 V _{RMS}	12 V	1,7 A

DESCRIPTION

The GS20AC-12 is an AC-DC switching power supply able to deliver 20W output power (12V/1.7A).

Two versions of the INPUT PLUG ADAPTOR are available:

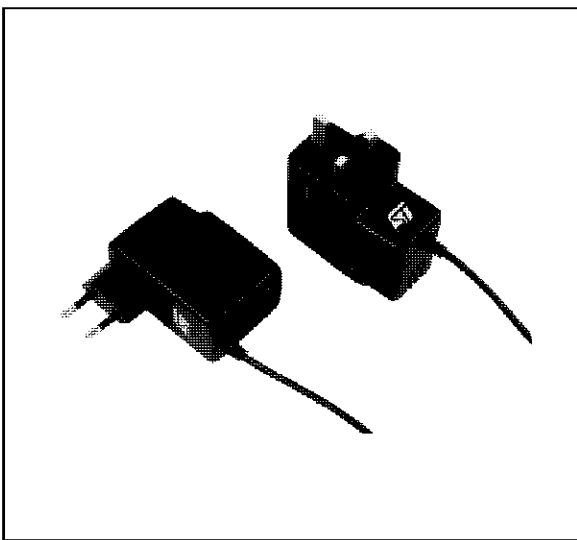
EUROPEAN VERSION

GS20AC-12-1 (ORDERING NUMBER)

UK VERSION:

GS20AC-12-2 (ORDERING NUMBER)

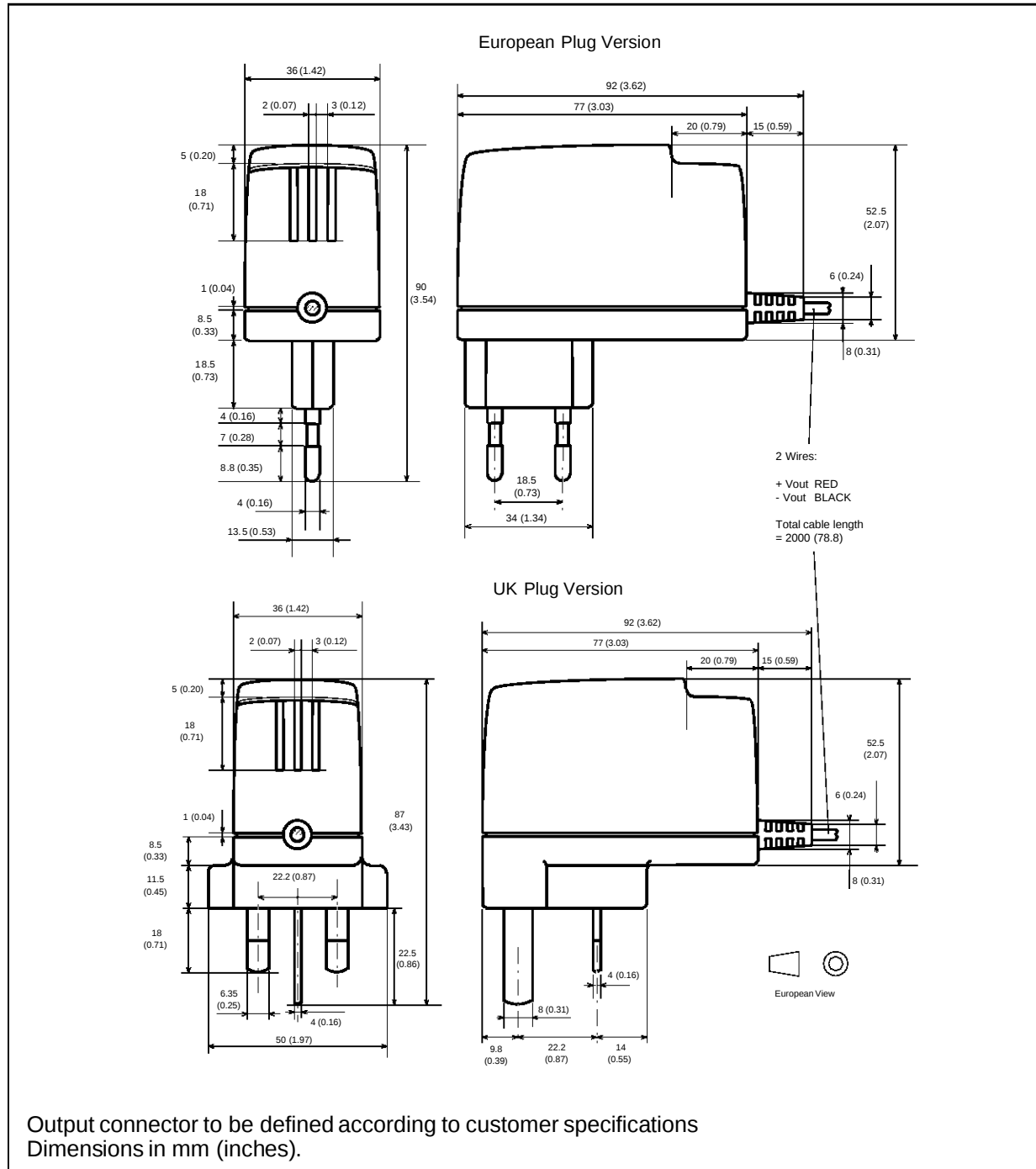
(See page 2 for mechanical drawings)



ELECTRICAL CHARACTERISTICS (T_{amb} = 25°C unless otherwise specified)

Symbol	Parameter	Test Conditions	Min	Typ	Max	Unit
V _i	Input Voltage		187	230	264	V _{rms}
V _o	Output Voltage	V _i = 187V to 264V _{rms} I _o = 0 to 1.7A	11	12	13	V _{dc}
I _o	Output Current	V _i = 187V to 264V _{rms} V _o = 11 to 13V	0		1.7	A
I _{ol}	Overcurrent Limit Initiation	V _i = 187V to 264V _{rms}		2		A
I _{osc}	Short Circuit Output Current	V _i = 187V to 264V _{rms}		0.7		A
η	Efficiency	V _i = 187V to 264V _{rms} I _o = 1.7A		75		%
T _{op}	Operating Temperature Range		-20		+45	°C
T _{stg}	Storage Temperature Range		-25		+85	°C

CONNECTION DIAGRAM AND MECHANICAL DATA



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