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AMPLIFIER / SEPARATOR  
 USB LINE

SEP-03  
 USB

**WARRANTY.** The F&F products are covered by a warranty of the 24 months from the date of purchase. Effective only with proof of purchase. Contact your dealer or directly with us. More information how to make a complaint can be found on the website:  
[www.fif.com.pl/reklamacja](http://www.fif.com.pl/reklamacja)



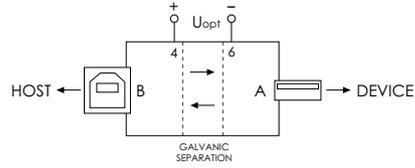
**Do not dispose of this device to a garbage bin with other unsorted waste!**  
 In accordance with the Waste Electrical and Electronic Equipment Act any household electro-waste can be turned in free of charge and in any quantity to a collection point established for this purpose, as well as to the store in the event of purchasing new equipment (as per the old for new rule, regardless of brand). Electro-waste thrown in the garbage bin or abandoned in the bosom of nature pose a threat to the environment and human health.



**Purpose**

SEP-03 is used for galvanic isolation devices connected via a USB cable. Provides surge protection devices HOST, eg. PC from external devices that are connected directly to the power grids, industrial power supply systems or high-voltage measurement. If you connect an external power amplifier is used as the transmitted signal and increases the efficiency of current up to 1A for the connected devices.

**IN/OUT description**



**Specifications**

power	
USB	5V DC
U <sub>opt</sub>	12±30V DC
load current	
USB	<400mA
U <sub>opt</sub>	<1A
USB standard	1.1 / 2.0
speed	
low speed	1,5Mbps
full speed	12Mbps
types of connectors	1×A / 1×B
galvanic isolation	
tracks A -> B	5kV RMS
U <sub>USB</sub> -> tracks A/B	1kV DC
U <sub>opt</sub> -> tracks A/B	none
working temperature	-25÷40°C
terminal	screw terminals 2,5mm <sup>2</sup>
tightening torque	0,4Nm
dimensions	1 module (18mm)
mounting	on TH-35 rail
degree of protection	IP20