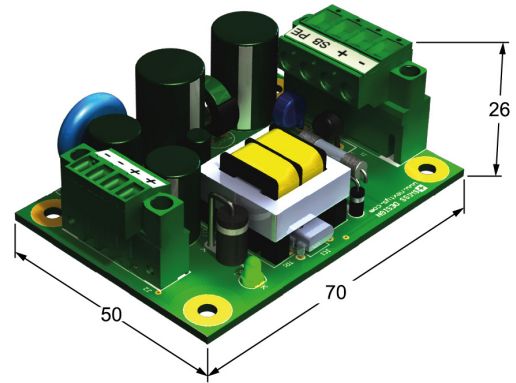


- High efficiency and compact size
- Wide input voltage range
- Wide operating temperature
- Designed in according to EN50121 for railway application



For reference only

## TECHNICAL DATA

NPSR10-5	
<b>OUTPUT DATA</b>	
Rated voltage	5.1Vdc
Adj. output voltage range	5.1Vdc Fixed
Continuous current	2.0A
Overload limit	2.5A
Short circuit peak current	7.0A / 60ms
Load regulation	< 0.5%
Ripple	< 100mVpp
Hold up time	> 50ms
Protections	Overload/short circuit: hiccup Over temperature Overvoltage
Output overvoltage protection	> 6.2Vdc
Parallel connection	Possible with external Oring diode
<b>INPUT DATA</b>	
Input rated voltage	DC: 110Vdc (range 66...154Vdc)
Input rated current	0.3A
Inrush peak current	< 50A
Internal protection fuse	Fuse 2AT / 250Vac (not user replaceable)
<b>GENERAL DATA</b>	
Efficiency	> 78%
Dissipated power	< 3W
Operating temperature	- 40°C...+ 85°C (+ 85°C at full load for Max. 10min)
Derating	- 0.13W/°C over 70°C
Overvoltage category	II
Pollution degree	2 (IEC 664-1)
Input / output isolation	2.2kVdc
Input / ground isolation	1.5kVdc
Output / ground isolation	0.71kVdc
Standards & Approvals	EN50121, CE marking
EMC Standards	EN50121-3-2
Connection terminals Input	2.5mm <sup>2</sup> , screw type pluggable (24...14AWG)
Connection terminals Output	1.5mm <sup>2</sup> , screw type pluggable (26...16AWG)
Approx. Weight	65.0g
Size (W x H x D)	50.0 x 26.0 x 70.0mm (PCB dimension)