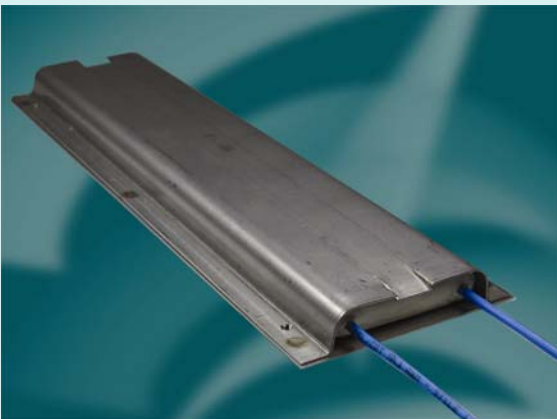


Power Resistor

**Model: PWR-RFI
(wire technology)**



Features

- high adiabatic impulse
- compact design
- high protection class

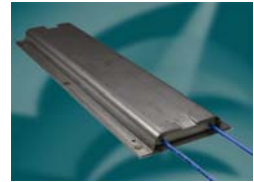
Applications

- brake resistor
- capacity discharge
- heating resistor
- snubber resistor

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Power Resistor

Model: PWR-RFI (wire technology)



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technology matters

Characteristics	RFI 600	RFI 1300
Rating	170 W	320 W
Resistor range	3,6Ω-150Ω	7,5Ω-430Ω (1)
Resistor tolerance	± 10%	(1)
Operating voltage	1000V	2500V
Max. operating voltage	√PR	
Energy consumption in 5s (10xP _{nenn})	1,7KJ	3,2KJ
Impulse energy in 2s (22xP _{nenn})	5,5KJ	10KJ
Time constant	8 min.	8 min.
Stability	5%	
Insulation Resistance	10GΩ at 500 VDC	
Dielectric strength	3000 VAC, 50 Hz, 60 s	
Temperature coefficient	± 150 ppm/°C	
Mechanical Characteristics		
Weight	200g	420g
Protection class	IP 44	
Environmental Characteristics		
Storage temperature	-10°C ÷ + 50°C	
Operating temperature	-50°C ÷ + 200°C	
Climatic class	50/200/56	
Material		
Housing	stainless steel	
Cable	HEW PTFE conductor blue AWG16 style 1199, 200°C 600V	
Cable length	300 mm	(2)

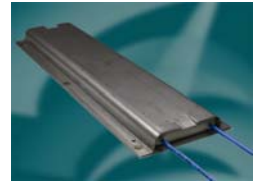
Specifications subject to change without notice

(1) other values on request

(2) other lengths on request

Power Resistor

Model: PWR-RFI (wire technology)

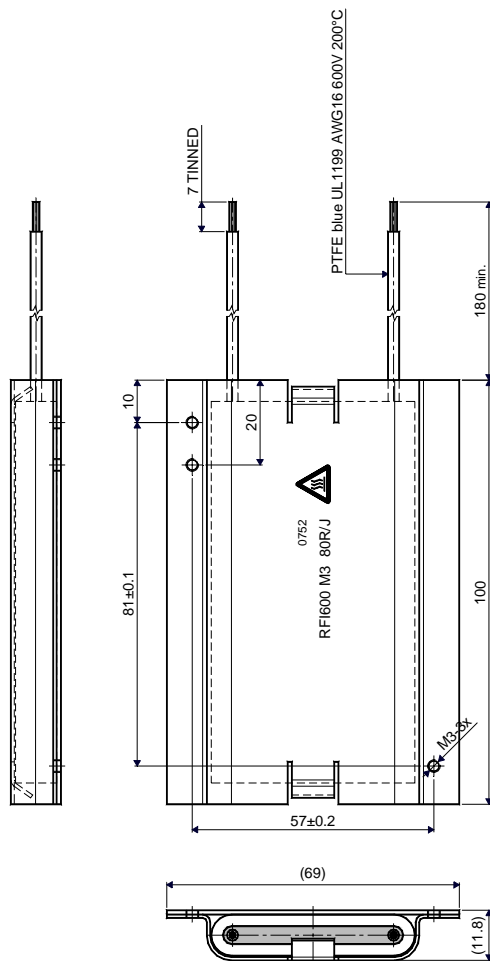


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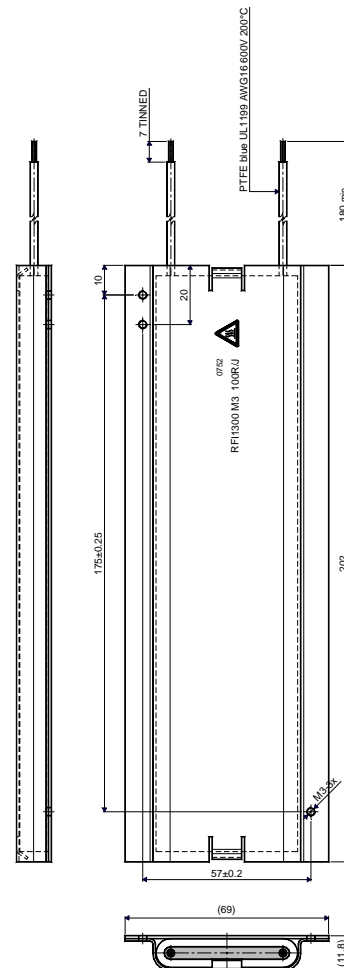
technology matters

Drawings (mm)

RFI 600



RFI 1300



How to order

PWR RFI 600 M3 100 Ω 300 mm
 cable length

resistance value
 with threaded hole M3
 power class
 design

Specifications subject to change without notice
 (1) other values on request
 (2) other lengths on request