

**Wirewound Resistors, Aluminium Housed,
Chassis Mount
UL 508 approved , file - no. E 329272**

**ELECTRICAL SPECIFICATIONS**

Type		RXLG65
<u>Nominal Power rating</u> P ₄₀	[W]	65
<u>Resistance range</u>	[Ω]	0R5 ... 400R
<u>E-Series</u>		E24
<u>Tolerances</u>	± [%]	5, 10
<u>Temperature coefficient</u>	[10 ⁻⁶ *K ⁻¹]	±260
<u>Temperature range</u>	[°C]	-40 ... +300
<u>Dielectric withstanding voltage</u> IEC115-1 clause 4.7 (1[min])	[V]	2000
<u>Max. working voltage</u>	[V] _{RMS}	$\sqrt{P_{40} * R}$
<u>Insulation resistance</u> IEC115-1 clause 4.6	[Ω]	> 10M

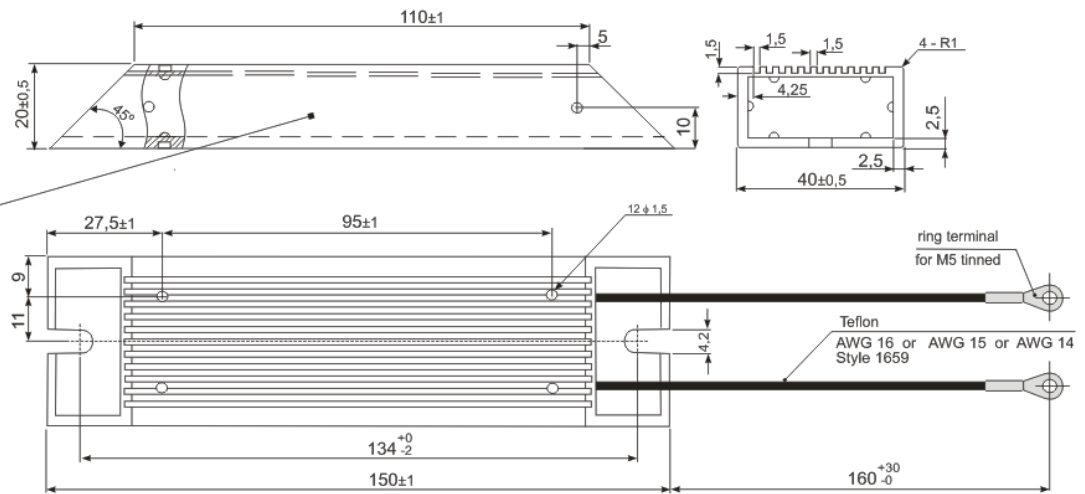
PERFORMANCE DATA

<u>Derating linear</u>	[°C]	See diagram
<u>Climatic category</u>		55/300/56
<u>Failure Rate</u> (Total, g _o , max, 60% cont. lev.)	[10 ⁻⁹ h ⁻¹]	appr. 10 depends on value
<u>Endurance</u> IEC60115-1 clause 4.25 (P ₂₅ , @ 25[°C], 1000[h])	±[%]	5,0
<u>Damp heat, steady state</u> IEC115-1 clause 4.24 (40[°C], 93[% r.h.], 56[d])	±[%]	5,0
<u>Climatic sequence</u> IEC115-1 clause 4.23	±[%]	2,0
<u>Terminal Tensile Strength</u>	[N]	50
<u>Marking</u> IEC60062		Printed in clear

DIMENSIONS [mm]

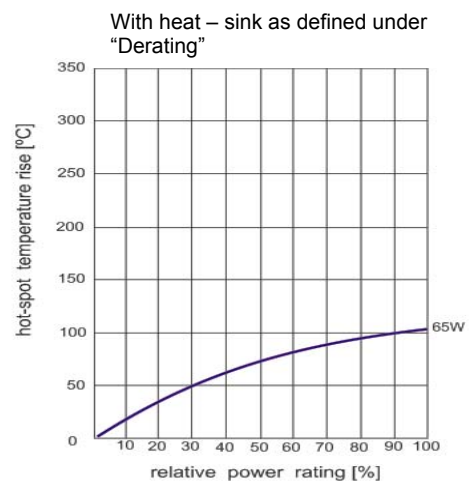
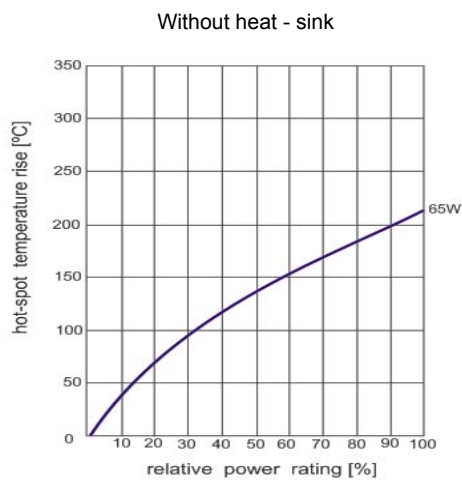
Printing:

E329272 Umax. 850V/DC
009013-0045 20R / 65W
RXLG6510B20R DC: 0922
(yy ww)



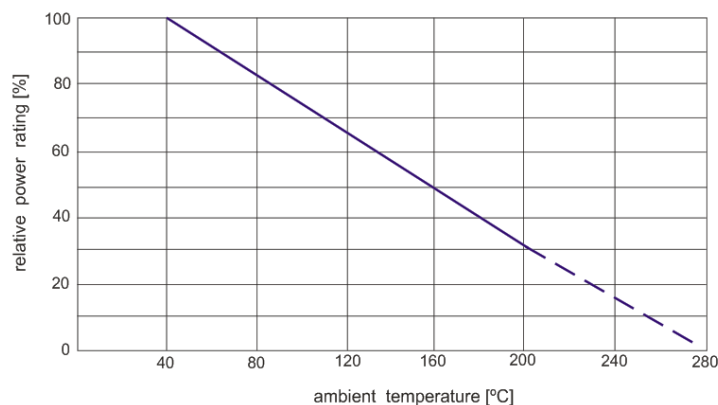
ELECTRICAL CHARACTERISTICS

Temperature Rise Curve



Derating Curve

heat – sink
200x200x3mm (65W)



ORDERING EXAMPLE

RXLG65	10	B	20R
Type	Tolerance	Pack-Code B = bulk	R-Value