

High Power Wirewound Resistor Cables connection, Ceramic core Aluminium case



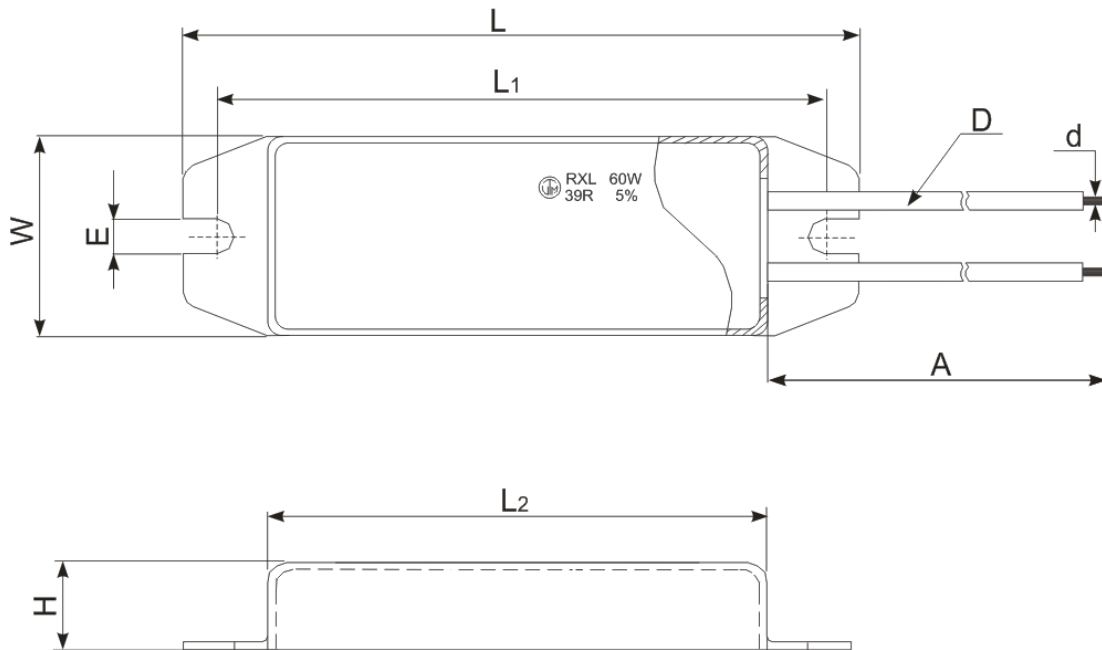
ELECTRICAL SPECIFICATIONS

Type		RXL60	RXL80	RXL120
<u>Nominal Power rating</u> P ₇₀	[W]	60	80	120
<u>Resistance Value</u>	[Ω]		1R0 ... 10K	
<u>E-Series</u>			E24	
<u>Tolerance</u>	± [%]		5, 10	
<u>Temperature coefficient</u>	[10 ⁻⁶ *K ⁻¹]		±200	
<u>Temperature range</u>	[°C]		-40 ... +300	
<u>Dielectric withstanding voltage</u> <i>IEC115-1 clause 4.7 (1[<i>min</i>])</i>	[V] _{RMS}		1000	
<u>Max. working voltage</u>	[V] _{RMS}		1500	

PERFORMANCE DATA

<u>Derating linear</u>	[°C]	70...300 (0W)
<u>Climatic category</u>		40/300/56
<u>Endurance</u> <i>IEC60115-1 clause 4.25</i> <i>(P₇₀, @ 70[°C], 1000[h])</i>	±[%]	3,0
<u>Flame retardant</u> <i>(1 – 6 times rated power)</i>		No flash over or arcing
<u>Short time overload</u> <i>IEC60115-1 clause 4.13</i> <i>(U = √(5 × P₇₀ × R), 5[s])</i>	±[%]	2,0
<u>Thermal shock</u> <i>(RT 30[<i>min</i>] ON, -40[°C], 15[<i>min</i>] OFF)</i>	± [%]	2,0
<u>Vibration</u> <i>IEC60115-1 clause 4.22</i>	±[%]	2,0
<u>Surface temperature rise</u>	[°C]	≤350
<u>Heat resistance</u> <i>(350[°C])</i>	[h]	2
<u>Marking</u> <i>IEC60062</i>		Printed in clear
<u>Housing material</u>		Aluminium

DIMENSIONS [mm]



Type	L ± 1	W ± 1	H ± 0.5	L1 ± 1	L2 ± 1	E	D*	d	A*
RXL60	100	30	13	90	75	4.5	~ 2.0	~ 0.88	200
RXL80	150	34	21	140	125	5			
RXL120	182	42	21	172	150	6			

* can be customized under request

ORDERING EXAMPLE

RXL60	5	B	130R
Type	Tolerance	Pack-Code B = bulk	R-Value