

RXH30C Series Datasheet

Wirewound Resistors | Aluminium Alloy Housed

ORDERING CODE - Example

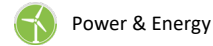
New SAP Part Nr.:

RXH	30C	J	B	-	AX-	1R5	AA
Serie	Power rating	Tol.	Pack-Code	TCR	Forming type	R Value	Special
	30C = 3KW	J = ±5%	B = Bulk	- Base on spec.	AX=Axial Forming		AA = Standard

Historical VTM Part Nr.:

RXLG3000	5	B	1R5
Type	Tol.	Pack-Code	R Value

APPLICATIONS



Power & Energy

FEATURES

Other ohmic values available upon request

Heat and mechanical shock protected

High Voltage

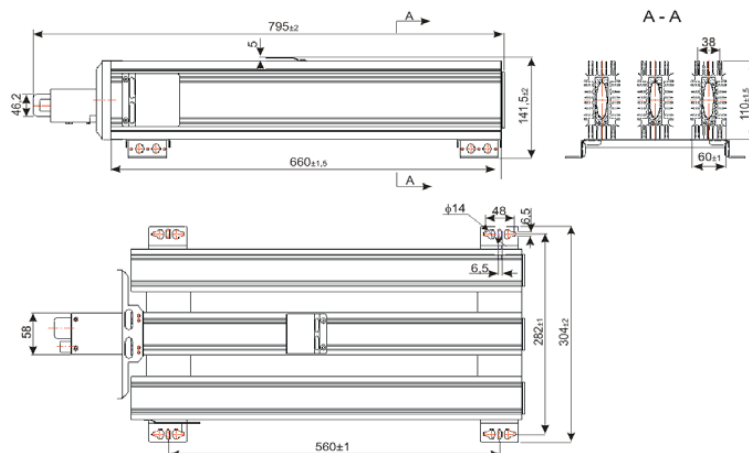
Brake Resistor

RoHS & REACH Compliant

ELECTRICAL SPECIFICATIONS

Type		RXH30C
Historical Part Number		RXLG3000
Nominal Power Rating P ₂₅	[KW]	2
Resistance Value	[Ω]	1R5
Tolerances	±[%]	5 (J)
Temperature Coefficient	±[10 ⁻⁶ *K ⁻¹]	≤ 400
Working Temperature Range	[°C]	-20 ... +300
Insulation Resistance IEC60115-1 clause 4.6	[MΩ]	100
Dielectric Withstanding Voltage IEC115-1 clause 4.7 (50[Hz/1minute], ≤1mA, 2000V)	[V] _{RMS}	1000

DIMENSIONS [mm]



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PERFORMANCE DATA

Type		RXH30C
Historical Part Number		RXLG3000
Short Time Overload <i>IEC60115-1 clause 4.13</i> <i>($U=10 \cdot \sqrt{P_{25} \times R} \cdot 5[s]$)</i>	±[%]	2,0
Endurance <i>IEC60115-1 clause 4.25</i> <i>($P_{70} @ 70[°C], 500[h], 1,5[h]ON ; 0,5[h]OFF$)</i>	±[%]	5,0
Thermal Shock <i>Rated power dissipation voltage for 30[min.]</i> <i>40[±][°C], 8~12[sec.], after 15 [min.]</i>	±[%]	2,0
Surface temperature rise	[°C]	≤ 500
Brake power	[kW]	27
Vibration <i>IEC60115-1 clause 4.22</i> <i>(1,5[mm] 10~55[Hz/1minute],X,Y,Z 2[h/each])</i>	±[%]	2,0
Marking <i>IEC60062</i>		Printed in clear

PACKAGING

The standard packaging for type is bulk, dimensions below.

Type	Historical P/N:	Pack Code	SPQ
RXH30C	RXLG3000	B = Bulk	1