

CAZ-Type CAY-Type (RoHS-compliant products)

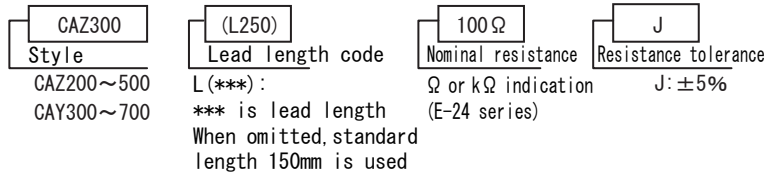
Introduction

A basic regenerative discharge resistor designed to increase the braking torque of inverters. It is a highly reliable resistor, whose reliability is based on thorough quality control.

Features

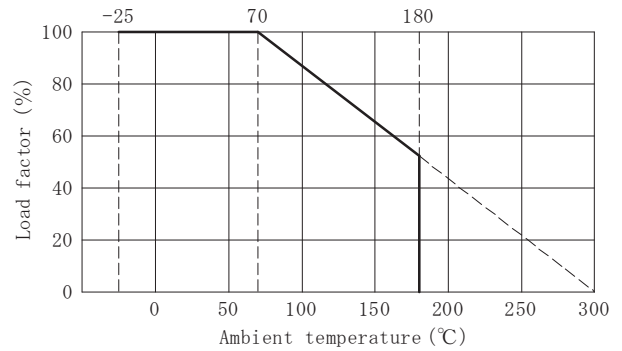
1. An aluminum case structure with radiating fins, high mechanical strength.
2. Straight leads structure reduces wiring labor cost.
3. Safety features such as thermal fuses and thermostats can be added per customers' requests to prevent accidents caused by overheating

Type descriptions

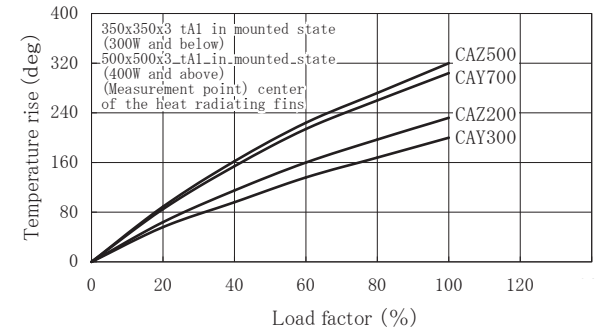


(Note) Products with custom specifications (equipped with fuses, thermostats, etc.) have different product codes.

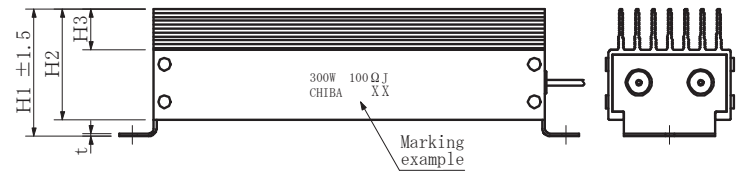
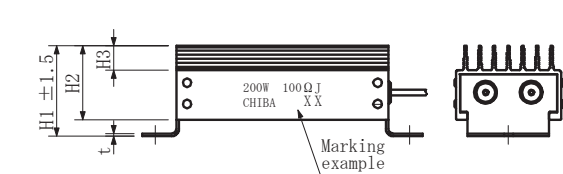
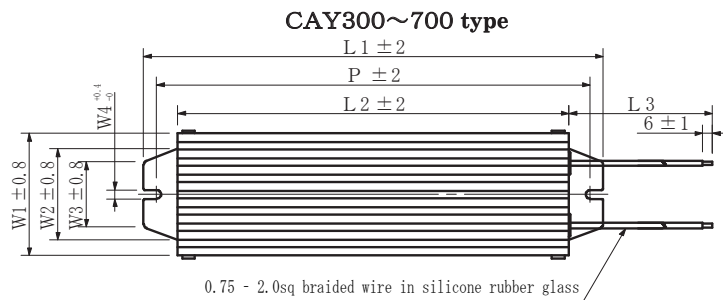
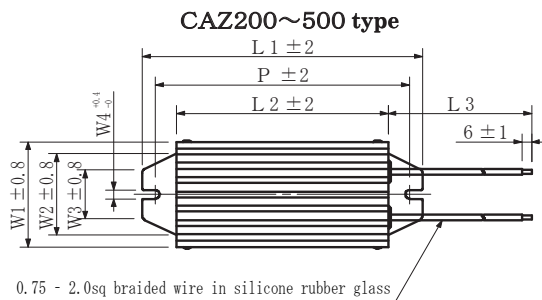
Load derating curve



Temperature rise curve (reference)



Dimensions & Resistance range



Style	Power rating (W)	Resistance Range(Ω)	Dimensions (mm)													Weight (g)	Customized product(*2)	
			Wire wound		L1	L2	L3 (*1) Standard length	P	W1	W2	W3	W4	H1	H2	H3		t	Thermal fuse
CAZ200	200	2.4~1.0K	172	130	150	156	64.5	50	30	5.3	55.5	45.4	15	1.6	700	○	○	
CAZ250	250	3.0~1.6K	212	170	"	196	"	"	"	"	"	"	"	"	880	○	○	
CAZ300	300	4.3~2.4K	262	220	"	246	"	"	"	"	"	"	"	"	1100	○	○	
CAZ400	400	6.2~3.6K	362	320	"	346	"	"	"	"	"	"	"	"	1500	○	○	
CAZ500	500	7.5~4.3K	412	370	"	396	"	"	"	"	"	"	"	"	1700	○	○	
CAY300	300	6.2~820	282	240	"	266	75	56	40	5.3	78	68	25	1.6	1900	○	○	
CAY400	400	7.5~1.0K	322	280	"	306	"	"	"	"	"	"	"	"	2300	○	○	
CAY500	500	9.1~1.2K	362	320	"	346	"	"	"	"	"	"	"	"	2600	○	○	
CAY600	600	10.0~1.3K	402	360	"	386	"	"	"	"	"	"	"	"	2900	○	○	
CAY700	700	11.0~1.5K	442	400	"	426	"	"	"	"	"	"	"	"	3100	○	○	

(*1) Standard lead length is 150mm (can be selected in 150-1000 range with 50mm step)

(*2) Can be customized with special thermal fuse (different from commercially available fuse) and thermostat (○:possible, ×:not possible)