

# CAN-Type (RoHS-compliant products)

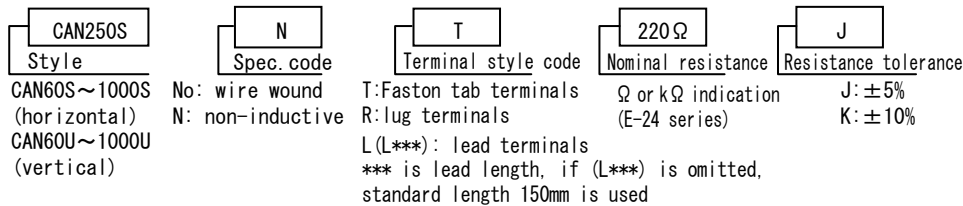
## Introduction

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

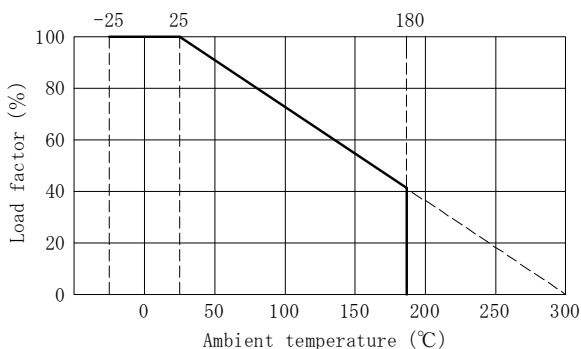
- CAN60 - 500 is a low cost type with heat radiation fins.  
(Types 750 / 1000 are without heat radiation fins)
- Flame proof type.
- Excellent vibration resistance.

## Type descriptions

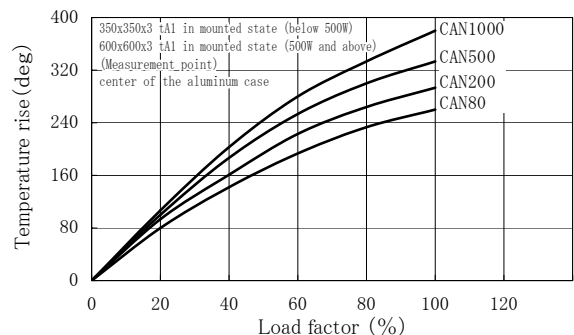


(Note) Products with custom specifications (equipped with thermostats, etc.) have different product codes.

## Load derating curve



## Temperature rise curve



## Dimensions & Resistance range

Style	Power rating (W)	Resistance Range (Ω) (*1)		Terminal Style			Dimensions (mm)												Weight (g)	Customized product (*3)		
		Wire wound	Non-Inductive	T	R	L	L1	L2	L3 (*2) Standard length	(P1)	(P2)	P3	P4	P5	W1	W2	H	t1		t2	Thermal fuse	Thermostat
CAN60S (U)	60	0.47~240	5.6 ~ 47	○	×	○	115	75	150	100	18	5	—	—	40	4.3	21	2.5	2.0	110	×	×
CAN80S (U)	80	1.00~510	11.0~100	○	×	○	140	100	150	125	24	8	—	—	50	5.3	26	2.5	2.0	160	×	×
CAN100S (U)	100	1.50~750	18.0~150	○	×	○	165	125	175	150	24	8	—	—	50	5.3	26	2.5	2.0	200	×	×
CAN120S (U)	120	2.00~1.0K	22.0~200	○	×	○	190	150	175	175	24	8	—	—	50	5.3	26	2.5	2.0	240	×	×
CAN150S (U)	150	2.40~1.2K	27.0~240	○	×	○	215	175	175	200	24	8	—	—	50	5.3	26	2.5	2.0	290	×	×
CAN200S (U)	200	2.40~1.2K	22.0~240	○	×	○	240	200	175	225	24	8	—	—	50	5.3	26	2.5	2.0	460	×	×
CAN250S (U)	250	3.00~1.5K	27.0~300	○	×	○	240	200	175	225	24	8	—	—	50	5.3	26	2.5	2.0	540	×	×
CAN300S (U)	300	3.00~1.5K	—	×	○	○	215	175	175	200	28 (注4)	13	—	—	61	5.3	33	3.5	2.5	700	×	○
CAN400S (U)	400	4.30~2.0K	—	×	○	○	265	225	175	250	28 (注4)	13	—	—	61	5.3	33	3.5	2.5	930	×	○
CAN500S (U)	500	6.80~2.0K	—	×	○	○	335	295	175	320	28 (注4)	13	—	—	61	5.3	33	3.5	2.5	1500	×	○
CAN750S (U)	750	10.00~2.0K	—	×	○	○	400	360	175	385	31 (注5)	13	60.5	20.5	80	5.3	40	2.5	2.0	2800	×	○
CAN1000S (U)	1000	10.00~2.0K	—	×	○	○	400	360	175	510	31 (注5)	13	80.5	30.5	100	5.3	50	2.5	2.0	3500	×	○

(\*1) Resistance tolerance: below 0.1Ω: K (±10%), 0.1Ω and above: J (±5%)

(\*2) Standard lead length is 150mm (can be selected in 150-1000 range with 50mm step)

(\*3) Can be customized with special thermal fuse (different from commercially available fuse) and thermostat (○:possible, ×:not possible)

(\*4) For CAN300SR - CAN500SR and CAN300UR - CAN500UR types, dimension is 26mm

(\*5) For CAN750SR and CAN750UR types, dimension is 28mm

## Horizontal type

Style	Terminal style			T:Faston tab terminals, R:lug terminals	L:lead terminals
	T	R	L		
CAN60S ~ CAN250S	○	×	○	<p>CAN60ST~CAN250ST</p>	<p>CAN60SL~CAN250SL</p> <p>Lead specification: 0.75~2sq braided wire in silicon rubber glass</p>
CAN300S ~ CAN500S	×	○	○	<p>CAN300SR~CAN500SR</p>	<p>CAN300SL~CAN500SL</p> <p>Lead specification: 0.75~2sq braided wire in silicon rubber glass</p>
CAN750S ~ CAN1000S	×	○	○	<p>CAN750SR~CAN1000SR</p>	<p>CAN750SL~CAN1000SL</p> <p>Lead specification: 2sq braided wire in silicon rubber glass</p>

## Vertical type

Style	Terminal style			T:Faston tab terminals, R:lug terminals	L:lead terminals
	T	R	L		
CAN60U ~ CAN250U	○	×	○	<p>CAN60UT~CAN250UT</p>	<p>CAN60UL~CAN250UL</p> <p>Lead specification: 0.75~2sq braided wire in silicon rubber glass</p>
CAN300U ~ CAN500U	×	○	○	<p>CAN300UR~CAN500UR</p>	<p>CAN300UL~CAN500UL</p> <p>Lead specification: 0.75~2sq braided wire in silicon rubber glass</p>
CAN750U ~ CAN1000U	×	○	○	<p>CAN750UR~CAN1000UR</p>	<p>CAN750UL~CAN1000UL</p> <p>Lead specification: 2sq braided wire in silicon rubber glass</p>