

12.8 DB Resistor Enable Duty setting

Group	Code	Parameter	Set	Range	Initial	Unit
Function group 2	H75	[Enable duty limit]	1	0 ~ 1	1	
	H76	[Enable duty]	-	0 ~ 30	10	%

- Set H75 to 1.
- Set %ED (Enable Duty) in H76.

▶ H75: DB resistor ED limit setting

0	No limit ⚠ Caution: Take caution when DB resistor is used over its Watt rating. Fire may result from resistor overheat. When resistor having heat detection sensor is used, sensor output can be used as external trip signal in multi-function input.
1	ED is limited as the setting in H 76.

- ▶ H76: set the resistor operating rate(%ED) in one sequence of operation. Continuous usage reate is Max 15 sec and usage signal is not issued over 15 sec.

$$\text{Ex 1) } H76 = \frac{T_{dec}}{T_{acc} + T_{steady} + T_{dec} + T_{stop}} \times 100[\%]$$

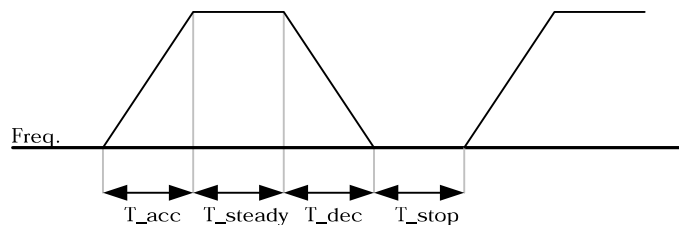
Where,

T_{acc} : Acceleration time to reach a setting freq.

T_{steady} : Time for constant speed operation at setting freq.

T_{dec} : Time to decelerate to lower freq. than that in constant speed or time to stop from freq. in constant speed.

T_{stop} : waiting time at a stop before operation is resumed.



$$\text{Ex 2)} \quad H76 = \frac{T_{dec}}{T_{dec} + T_{steady1} + T_{acc} + T_{steady2}} \times 100[\%]$$

