

⇒ Pr. 17 "input terminal assignment"

- Any of 10 functions can be assigned to the DI1, DI2 and DI3 input terminals.

Pr. 17:

Terminal: DI1          DI2          DI3

Example: Pr. 17 =    (factory setting)

DI1=RH

DI2=RM

DI3=RL

Set Value	Symbol	Name	Function
0	RH	Multi-speed setting 1	Speed set in Pr. 4
1	RM	Multi-speed setting 2	Speed set in Pr. 5
2	RL	Multi-speed setting 3	Speed set in Pr. 6
3	JOG	Jog operation	Speed set in Pr. 15, acceleration/deceleration time in Pr. 16
4	RT	Second function switching	Second function selected
5	MRS	Coasting terminal	MRS and SD is switched on to shut off output.
6	STOP	Operation signal holding	Used with STF/STR to enable 3-wire speed command.
7	LX	Pre-excitation	LX and SD is switched on to provide pre-excitation: 0 speed control or servo lock at a stop (according to set value in Pr. 62).
8	MC	Control mode switching	Control mode is switched between speed, torque and position (according to set value in Pr. 14).
9	TL	Torque restriction selection	Torque restriction value can be changed with Pr. 38.

Note: 1. Even if the set value is "0" in the first digit of the three digits, it will not be displayed. However, if "0" is set in only the first digit, it will indicate the set value "000".

2. If any of 1 to 3 is set in any digit of Pr. 46 "second multi-function input selection", the Pr. 46 setting is made valid for the multi-function input terminal corresponding to that digit and the Pr. 17 setting is made invalid.

- Multi-speed setting**

Select the speeds given below by selecting and combining RH, RM and RL with DI1, 2 and 3.

A setting can be made even if all RH, RM and RL are not selected with DI1, 2 and 3.

RH	RM	RL	Speed
OFF	OFF	OFF	External setting
ON	OFF	OFF	High speed (Pr. 4)
OFF	ON	OFF	Middle speed (Pr. 5)
OFF	OFF	ON	Low speed (Pr. 6)
OFF	ON	ON	Speed 4 (Pr. 24)
ON	OFF	ON	Speed 5 (Pr. 25)
ON	ON	OFF	Speed 6 (Pr. 26)
ON	ON	ON	Speed 7 (Pr.27)

\* When Pr. 28 "multi-speed correction selection" = 1, all the speeds can be adjusted by auxiliary speed command signal entered to analog speed input terminal "1".