

FUN190 STAT	READ SYSTEM STATUS	FUN190 STAT
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Execution EN

190.STAT

Gp :

D :

Gp : Specified status group

0 : Get information of I/O expansion

1~3 : Reserved

D : Starting address of register to store the system status

D+0 : Quantity of status

D+1 : Status 1

...

D+N: Status N

\* This instruction can be supported in PLC OS firmware V4.62 or later

Range Operand	HR	ROR	DR	K
	R0   R3839	R5000   R8071	D0   D3999	
Gp				0~3
D	<input type="radio"/>	<input type="radio"/> *	<input type="radio"/>	

● When execution "EN" =1, this instruction being executed, and if Gp=0, it means to get the information of I/O expansion modules; total quantity of I/O expansion modules will be stored in D register, code of I/O expansion module will be stored in D+1~D+N registers in order. Gp=1~3, reserved for future.

Code of I/O Expansion Module	Name of I/O Expansion Module
1	FBs-8EA
2	FBs-8EX
3	FBs-8EY
4	FBs-16EA
5	FBs-20EX
6	FBs-16EY
7	FBs-24EX
8	FBs-24EY
9	FBs-24EA
10	FBs-40EA
11	FBs-60EA
12	FBs-7SG1S (Decode)
13	FBs-7SG1H (Non-decode)
14	FBs-7SG2S (Decode)
15	FBs-7SG2H (Non-decode)
16	FBs-6AD
17	FBs-2DA
18	FBs-4DA
19	FBs-4PT
20	FBs-4A2D

Code of I/O Expansion Module	Name of I/O Expansion Module
21	FBs-TC6
22	FBs-RTD6
23	FBs-TC16
24	FBs-RTD16
25	FBs-TC2
26	FBs-2ATC4
27	FBs-2ARTD4
28	FBs-NTC6
29	FBs-NTC16 (Reserved)
30	FBs-32DGI
31	FBs-VOM
32	FBs-1LC

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Example : There are two I/O expansion modules FBs-2DA + FBs-6AD installed in one system



Status Monitoring					
Ref. No.	Status	Data	Ref. No.	Status	Data
M500	Enable	ON			
D200	Decimal	2			
D201	Decimal	17			
D202	Decimal	16			

Description: When M500=1, this instruction being executed, register D200 is used to store the total quantity of I/O expansion modules, register D201 is used to store the code (17=FBs-2DA) of first I/O expansion module, register D202 is used to store the code (16=FBs-6AD) of second I/O expansion module.