

## ■ LIMITATIONS AND PRECAUTIONS FOR INSTALLATION

### ● Limitations of Installation of Modules Imposed by Capacity of Power Supply to Transmitters

Installation of modules in any one of ANB10S, ANB10D, ANR10S, ANR10D nodes and Field Control Unit for FIO (AFV10S, AFV10D) imposes a limitation on the total number of modules considering the power supply.

ANB10□, ANR10□:

$$\sum (\text{factor B for each module to be installed}) \leq 100$$

AFV10S:

$$\begin{aligned} &\sum (\text{factor A for each module to be installed}) + \\ &\sum (\text{factor B for each module to be installed}) \leq 85 \end{aligned}$$

AFV10D:

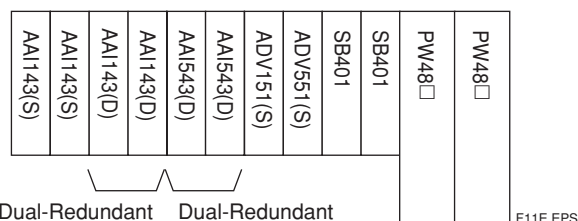
$$\begin{aligned} &\sum (\text{factor A for each module to be installed}) \leq 20 \text{ and} \\ &\sum (\text{factor A for each module to be installed}) + \\ &\sum (\text{factor B for each module to be installed}) \leq 65 \end{aligned}$$

**Table Factor for Each Module**

	Model	Factor	
		Single	Each Pair in Dual-redundant Configuration
A	ADV869 (ST5)	3	-
	ADV169 (ST6)	3	-
	ADV569 (ST7)	3	-
	AAV544	2	4
	EB401	1	2
B	AAI841	16	24
	AAB841(MAC2/VM2)	9	17
	AAI141	16	16
	AAI143	20	24
	AAI543	20	24
	AAP135	16	16
	AAP849	9	17
	AAI135	12	12
	AAI835	12	19
	ASI133	22	33
	ASI533	17	26
	AST143	5	10
	ASR133	3	6
	ASD143	6	12
	ASD533	25	38
	Others	0	0

T15E.EPS

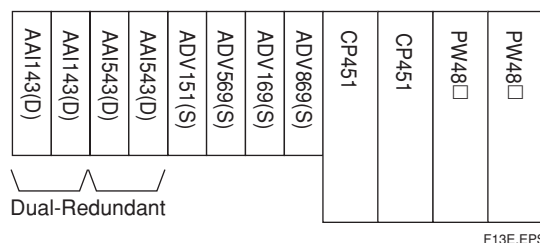
Example: When installing modules in an ANB10D as follows where “(S)” indicates Single and “(D)” indicates Dual-Redundant.



The total sum of the factors for this installation plan is less than 100 as shown below, hence, the acceptance of this plan is ensured:

$$\begin{aligned} &\sum (\text{factor for each module to be installed}) \\ &= 20 + 20 + 24 + 24 + 0 + 0 = 88 < 100 \end{aligned}$$

Example: When installing modules in an AFV10D as follows.



$$\begin{aligned} &\sum (\text{factor A for each module to be installed}) + (\text{factor B} \\ &\text{for each module to be installed}) \\ &= (3 + 3 + 3) + (24 + 24 + 0) \\ &= 9 + 48 \\ &= 57 < 65 \end{aligned}$$