VtSys / SIMATIC S7-300 [CPU 314C-2 PN/DP] / Programmbausteine
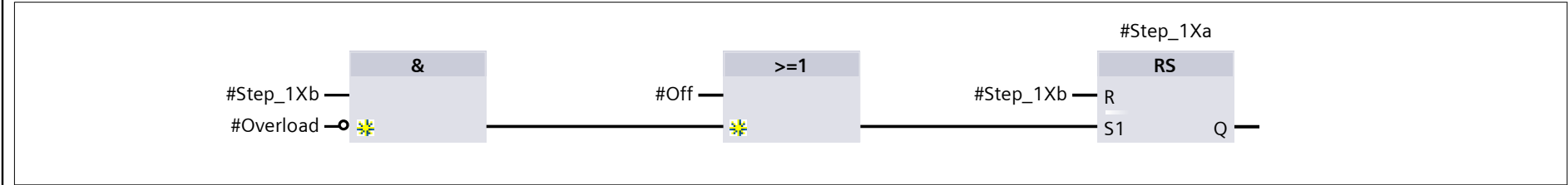
Fan [FB10]

Fan Eigenschaften								
Allgemein								
Name	Fan	**Nummer**	10	**Typ**	FB	**Sprache**	FUP	
Nummerier-ung	manuell							
Information								
Titel	Function diagram G1X (Partial GRAFCET "Fan X")	**Autor**		**Kommentar**	Programming of the fan control	**Familie**		
Version	0.1	**Anwenderdefi-nierte ID**						

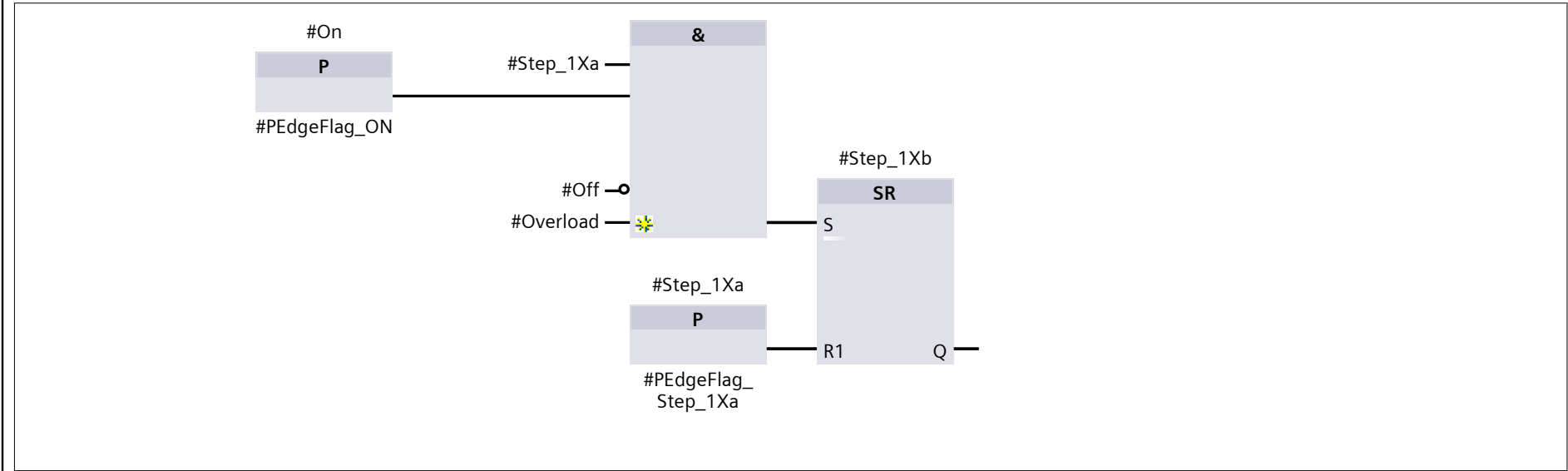| Fan | | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Name** | **Datentyp** | **Offset** | **Defaultwert** | **Erreichbar aus HMI** | **Sichtbar in HMI** | **Einstell-wert** | **Kommentar** |
| ▼ Input | | | | | | | |
| On | Bool | 0.0 | false | True | True | False | Fan on |
| Overload | Bool | 0.1 | false | True | True | False | Overload relay FX, motor X (NC) |
| Off | Bool | 0.2 | false | True | True | False | Ventilation system off (initial step) |
| Output | | | | | | | |
| ▼ InOut | | | | | | | |
| Step_1Xa | Bool | 2.0 | false | True | True | False | Grafcet G1X, step-flag 1Xa |
| Step_1Xb | Bool | 2.1 | false | True | True | False | Grafcet G1X, step-flag 1Xb |
| ▼ Static | | | | | | | |
| PEdgeFlag_Step_1Xa | Bool | 4.0 | false | True | True | False | Evaluation of positive edge flag of step 1Xa |
| PEdgeFlag_ON | Bool | 4.1 | false | True | True | False | Evaluation of positive edge flag of S5 |
| Temp | | | | | | | |
| Constant | | | | | | | |

Netzwerk 1: Step 1Xa

A dominant setting self-latching relay must be used. The step 1Xa cannot be set if step 1Xb is already active.

Symbol	Adresse	Typ	Kommentar
#Off		Bool	Ventilation system off (initial step)
#Overload		Bool	Overload relay FX, motor X (NC)
#Step_1Xa		Bool	Grafcet G1X, step-flag 1Xa
#Step_1Xb		Bool	Grafcet G1X, step-flag 1Xb

Netzwerk 2: Step 1Xb

Symbol	Adresse	Typ	Kommentar
#Off		Bool	Ventilation system off (initial step)
#On		Bool	Fan on
#Overload		Bool	Overload relay FX, motor X (NC)
#PEdgeFlag_ON		Bool	Evaluation of positive edge flag of S5
#PEdgeFlag_Step_1Xa		Bool	Evaluation of positive edge flag of step 1Xa
#Step_1Xa		Bool	Grafcet G1X, step-flag 1Xa
#Step_1Xb		Bool	Grafcet G1X, step-flag 1Xb