Bidon_dolum_fc [FC100]

Bidon_dolum_fc Properties							
General							
Name	Bidon_dolum_fc	Number	100	Type	FC	Language	LAD
Numbering	Manual						
Information							
Title		Author		Comment		Family	
Version	0.1	User-defined ID					

Name	Data type	Default value	Comment
Input			
Output			
InOut			
▼ Temp			
guncel	Time		
eski	Time		
Constant			
▼ Return			
Bidon_dolum_fc	Void		

Network 1: 1 sec puls

```
0001        A      "Cyclic_1Hz"
0002        FP     "Bidon_dolum".rising_1s_edge
0003        =      "Bidon_dolum".rising_1s_edge_1cycle
```

Network 2: cpu zaman okuma
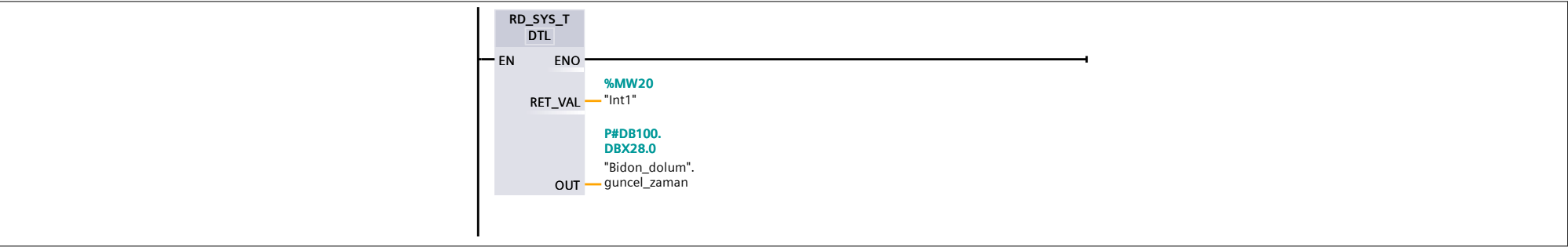
Network 3: Secimler

```
0001 IF "Bidon_dolum".bidon_yerinde AND NOT "Bidon_dolum"."Dolum_devam ediyor" AND "Bidon_dolum"."Secim_2.5lt"  THEN
0002     "Bidon_dolum".Bidon_Set_Hacim := 2.5;
0003     "Bidon_dolum".Secim_yapildi := 1;
0004     "Bidon_dolum".Secim_5lt := 0;
0005     "Bidon_dolum".Secim_19lt := 0;
0006 END_IF;
0007
0008 IF "Bidon_dolum".bidon_yerinde AND NOT "Bidon_dolum"."Dolum_devam ediyor" AND "Bidon_dolum".Secim_5lt THEN
0009     "Bidon_dolum".Bidon_Set_Hacim := 5.0;
0010     "Bidon_dolum".Secim_yapildi := 1;
0011 END_IF;
0012
0013 IF "Bidon_dolum".bidon_yerinde AND NOT "Bidon_dolum"."Dolum_devam ediyor" AND "Bidon_dolum".Secim_19lt THEN
0014     "Bidon_dolum".Bidon_Set_Hacim := 19.0;
0015     "Bidon_dolum".Secim_yapildi := 1;
0016 END_IF;
0017
0018 "Bidon_dolum"."Secim_2.5lt" := 0;
0019 "Bidon_dolum"."Secim_5lt" := 0;
0020 "Bidon_dolum"."Secim_19lt" := 0;
```

Network 4: Baslat Buyuk vana ve kucuk vanalari ac

```
0001 "Bidon_dolum".Vana_kucuk_acik := "Bidon_dolum".Secim_yapildi AND "Bidon_dolum".Baslat AND (("Bidon_dolum".Bidon_Set_Ha-
     cim - "Bidon_dolum".Bidon_Akt_Hacim)) > "Bidon_dolum".Tolerans;
0002 "Bidon_dolum"."Dolum_devam ediyor" := "Bidon_dolum".Vana_kucuk_acik ;
0003
0004 IF (("Bidon_dolum".Bidon_Set_Hacim - "Bidon_dolum".Bidon_Akt_Hacim) < "Bidon_dolum".Tolerans OR NOT "Bidon_dolum".Se-
     cim_yapildi THEN
0005     "Bidon_dolum".Vana_kucuk_acik := 0;
0006     "Bidon_dolum".Secim_yapildi := 0;
0007     "Bidon_dolum"."Dolum_devam ediyor" := 0;
0008     "Bidon_dolum".Baslat := 0;
0009 END_IF;
0010 "Bidon_dolum".Vana_buyuk_acik := "Bidon_dolum".Vana_kucuk_acik AND ("Bidon_dolum".Bidon_Set_Hacim -"Bidon_dolum".Bi-
     don_Akt_Hacim) > 1.0;
```

Network 5: Boru görselleri

```
0001  (*
0002  "Bidon_dolum".Boru1_view := "Bidon_dolum"."Vana_ana tank_acik";
0003  "Bidon_dolum".Boru2_view := "Bidon_dolum".Vana_buyuk_acik;
0004  "Bidon_dolum".Boru3_view := "Bidon_dolum".Vana_kucuk_acik;
0005  "Bidon_dolum".Boru4_view := "Bidon_dolum".Vana_buyuk_acik OR "Bidon_dolum".Vana_kucuk_acik;
```

Network 6: Bidon Dolum Simulasyonu_Accumaltor

```
0001  IF "Bidon_dolum".rising_1s_edge_1cycle AND "Bidon_dolum".Vana_kucuk_acik THEN
0002      "Bidon_dolum".Bidon_Akt_Hacim := "Bidon_dolum".Bidon_Akt_Hacim + 0.1;
0003
0004  END_IF;
0005  IF "Bidon_dolum".rising_1s_edge_1cycle AND "Bidon_dolum".Vana_buyuk_acik THEN
0006      "Bidon_dolum".Bidon_Akt_Hacim := "Bidon_dolum".Bidon_Akt_Hacim + 0.5;
0007  END_IF;
0008
0009  IF NOT "Bidon_dolum".bidon_yerinde THEN
0010      "Bidon_dolum".Bidon_Akt_Hacim :=0.0 ;
0011  END_IF;
```

Network 7: sıfırlama ve durdurma ve iptaller

```
0001  IF "Bidon_dolum".Sifirla THEN
0002      "Bidon_dolum".Bidon_Set_Hacim := 0;
0003      "Bidon_dolum".Bidon_Akt_Hacim := 0;
0004      "Bidon_dolum".Secim_yapildi := 0;
0005      "Bidon_dolum"."Dolum_devam ediyor" := 0;
0006      "Bidon_dolum"."Secim_2.5lt" := 0;
0007      "Bidon_dolum".Secim_5lt := 0;
0008      "Bidon_dolum".Secim_19lt := 0;
0009      "Bidon_dolum".Secim_bidon1_Litre := 0;
0010      "Bidon_dolum".Secim_bidon2_Litre := 0;
0011      "Bidon_dolum".Secim_bidon3_Litre := 0;
0012      "Bidon_dolum".bidon_yerinde := 0;
0013      "Bidon_dolum".Sifirla := 0;
0014      "Bidon_dolum".Baslat := 0;
0015  END_IF;
0016
```

Network 8: Ana Tank Dolumu

```
0001  IF "Bidon_dolum".Ana_Sivi_tank_Hacim_100birim < 25.0 THEN
0002      "Bidon_dolum"."Vana_ana tank_acik" := 1;
0003  END_IF;
0004
0005  IF "Bidon_dolum"."Vana_ana tank_acik" AND "Bidon_dolum".rising_1s_edge_1cycle THEN
0006      "Bidon_dolum".Ana_Sivi_tank_Hacim_100birim += +1.0;
0007  END_IF;
0008
0009  IF "Bidon_dolum".Ana_Sivi_tank_Hacim_100birim > 95.0 THEN
0010      "Bidon_dolum"."Vana_ana tank_acik" := 0;
0011
0012  END_IF;
0013
0014  IF "Bidon_dolum"."Vana_kucuk_acik" AND "Bidon_dolum".rising_1s_edge_1cycle THEN
0015      "Bidon_dolum".Ana_Sivi_tank_Hacim_100birim -= 0.1;
0016  END_IF;
0017  IF "Bidon_dolum"."Vana_buyuk_acik" AND "Bidon_dolum".rising_1s_edge_1cycle THEN
0018      "Bidon_dolum".Ana_Sivi_tank_Hacim_100birim -= 0.5;
0019  END_IF;
```

Network 9: Bidon dolum

```
0001      "Bidon_dolum".Secim_bidon1_Litre := "Bidon_dolum".Bidon_Akt_Hacim;
0002
0003      "Bidon_dolum".Secim_bidon2_Litre := "Bidon_dolum".Bidon_Akt_Hacim;
0004
0005      "Bidon_dolum".Secim_bidon3_Litre := "Bidon_dolum".Bidon_Akt_Hacim;
0006
```