Totally Inte Automatio	egrated n Portal						
vizualizac							
/izualizacia P	roperties						
General							
Name	vizualizacia		Number	3		Туре	FC
Language	LAD		Numbering	Automatic			
nformation							
Γitle 			Author			Comment	
Family			Version	0.1		User-defined ID	
Name		Data type	Default va	llue	Supervi- C	omment	
Input							
Output							
InOut							
Temp							
Constant							
▼ Return							
vizualiz	•	Void					
						%DB2.DBX25.2	
		%M13.0 v_vyloz_male" 				"DataBlock". motor2_ON	•
Network 2:							
		%M14.0 v_vyloz_stred" %M14.2 stav_vyloz_ stred_2"				%DB2.DBX25.3 "DataBlock". motor3_ON	
		—					

```
Totally Integrated
  Automation Portal
                                                                                            %DB2.DBX25.6
                                 %M12.0
                                                                                              "DataBlock".
                              "stav_velka_1"
                                                                                               stredna
                                                                                                (s)-
Network 4:
                                 %M11.0
                                                                                            %DB2.DBX25.5
                                                                                            "DataBlock".mala
                              "stav_mala_1"
                                                                                                (s)-
                                  4 H
Network 5:
                                                                                            %DB2.DBX25.6
                                 %M10.1
                                                                                             "DataBlock".
stredna
                               "stav_scan"
                                                                                                (R)-
                                                                                            %DB2.DBX25.5
                                                                                            "DataBlock".mala
                                                                                                -( R )-
Network 6: animovanie pohybu prazdnej palety 2 k pasu
stav_vyloz_male_2 trva 2,5s a 10Hz clock blika kazdu 0,1s cize counter narata do 25
                                                                %DB15
                                                             "IEC_Counter_
0_DB_2"
                                 %M13.2
                                                                 CTU
                                               %M100.0
                               "stav_vyloz_
                                              "Clock_10Hz"
                                                                 Int
                                                  4 H
                                                             · CU
                                                                           %DB2.DBW26
                                 %M13.1
                                                                           "DataBlock".
                               "stav_vyloz_
male_1"
                                                                          posun_palety_
__ 2_kPasu
                                  H F
                                                        25 — PV
Network 7: animovanie pohybu plnej palety 2 od pasu
stav_vyloz_male_2 trva 2,5s a 10Hz clock blika kazdu 0,1s cize counter narata do 25
```

Totally Integrated **Automation Portal** %DB20 "IEC_Counter_ CTU %M13.0 %M100.0 "stav_vyloz_male" "Clock_10Hz" Int CU %DB2.DBW28 %M13.2 "DataBlock". posun_palety_ . 2_odPasu "stav_vyloz_ male_2" PV

Network 8: animovanie pohybu palety 3

stav_vyloz_male_2 trva 2,5s a 10Hz clock blika kazdu 0,1s cize counter narata do 25

```
%DB21
                                             "IEC_Counter_
0_DB_4"
  %M14.2
                                                  CTU
"stav_vyloz_
stred_2"
                        %M100.0
                                                  Int
                      "Clock_10Hz"
                           4 F
                                            CU
                                                                %DB2.DBW32
                                                                "DataBlock".
posun_palety_
  %M14.1
"stav_vyloz_
stred_1"
    25 -
                                            PV
```

Network 9: animovanie pohybu palety 3

stav_vyloz_male_2 trva 2,5s a 10Hz clock blika kazdu 0,1s cize counter narata do 25

```
%DB22
                                         "IEC_Counter_
                                           0_DB_5"
                                             CTU
                       %M100.0
    %M14.0
"stav_vyloz_stred"
                     "Clock_10Hz"
                                             Int
                          4 H
                                        CU
                                                         %DB2.DBW30
    %M14.2
                                                          "DataBlock".
                                                        posun_palety_
_ 3odPasu
  "stav_vyloz_
    stred_2"
      H F
                                        PV
```

Network 10: animovanie pohybu dlhej bedničky

Totally Integrated **Automation Portal** %DB28 "IEC_Counter_ %M10.2 %M100.0 CTU "stav_dlha" "Clock_10Hz" Int CU %DB2.DBW34 %M10.2 "DataBlock". "stav_dlha" posun_dlhej_ bedny 30 -PV Network 11: animovanie pohybu strednej bedničky %DB30 "IEC_Counter_ 0_DB_9" %DB2.DBX38.0 "DataBlock".

help_posun_ %M100.0 CTU strednej "Clock_10Hz" Int 4 F CU %DB2.DBW36 %M10.1 "DataBlock" "stav_scan" posun_strednej_ bedny +R 22 — PV

Network 12: Help posun strednej bedne

```
%MB12
"stavy_velka"

==
Byte
2

%MB12
"stavy_velka"

==
Byte
2

%MB12
"stavy_velka"

==
Byte
2

%MB12

stavy_velka"

==
Byte
4
```

Network 13: podmienka pre zobrazenie malej palety s 1 bedničkou

Network 14: podmienka pre zobrazenie strednej palety s 1 bedničkou

```
%DB31
                                                                              "IEC_Timer_0_
DB_9"
                   %DB2.DBX48.3
                                                                                                %DB2.DBX48.2
%DB2.DBW14
                                          %MB14
                     "DataBlock".
                                                                                                  "DataBlock".
 "DataBlock".
                                       "stavy_vyloz_
                                                                                  TON
                  zobraz_strednu_
paletu2
                                                                                                zobraz_strednu_
pocet_strednych
                                          stredne"
                                                                                                     paletu
                                                                                  Time
                                                                                                     ( )-
                                                                              · IN
    Int
                                          Byte
                                                                    T#2.5S — PT
                                                                                        ET -
%DB2.DBW14
 "DataBlock".
pocet_strednych
     Int
```

Network 15: zobrazenie palety 3 so 2mi bednami

```
%DB32
                                                               "IEC_Timer_0_
DB_10"
                     %DB2.DBW18
                                                                                                        %DB2.DBX48.3
 %DB2.DBW14
                       "DataBlock".
                                                                                                          "DataBlock".
"DataBlock".
pocet_strednych
                     pocet_
strednych_tmp
                                                                    TON
                                                                                                       zobraz_strednu_
                                                                   Time
                                                                                                           paletu2
                                                                                                             \leftarrow
                                                               IN
                                                                           Q
     Int
                         Int
                                                    T#2.5S — PT
                      %DB2.DBW18
 %DB2.DBW14
                       "DataBlock".
                     pocet_
strednych_tmp
 "DataBlock".
pocet_strednych
     Int
                          Int
```

Network 16: zobrazenie palety 2 so 4mi bednami

Totally Integrated **Automation Portal %DB2.DBW12**"DataBlock". pocet_malych_ tmp **%DB2.DBX48.1**"DataBlock". zobraz_malu_ paletu2 **%DB2.DBW8**"DataBlock". pocet_malych Int Int **%DB2.DBW12**"DataBlock". pocet_malych_ tmp %DB2.DBW8 "DataBlock". pocet_malych == Int == Int 0 Network 17: animacia pásu1 %DB29 "IEC_Counter_ 0_DB_8" %DB2.DBX60.0 %M100.0 CTU "DataBlock". reset_counter %Q7.7 "motor_1" "Clock_10Hz" Int 4 F 4 F CU %DB2.DBW58 "DataBlock". - animacia_pasu1 %DB2.DBX60.0 "DataBlock". reset_counter 40 — - PV