ę.							
	Main 自动	编号	1	类型	ОВ	语言	LAD
i.	"Main Program S	Sweep (Cy- 作者		注释		系列	
	cle)" 0.1	用户自定义	ID				
n		数据类型	は 默认値		注释		
nput Initial_C	all	Bool			Initial call of th	is OB	
Remane Temp		Bool				nent data are available	
Constant							
1:							
			%DB41 "X1轴_DB" %FB2				
			EN ENO			-	
} 2 :							
			% DB56 "R1轴_DB"				
			% FB7				
		H	EN ENO			-	
		ı					
各3:							
			%DB53 "Q1轴_DB" %FB4				
		L	EN ENO			⊣	
			2				
———— 各4:		<u> </u>					
			%DB50				
			"Z1轴_DB_1" %FB3				
		H	EN ENO			-	
各5:							
			%DB54 "X2轴_DB"				
			%FB5				
			EN ENO			7	
备6:		1					
ιο:							
		ı	0/DPFF				
			%DB55 "Q2轴_DB" %FB6				
		I I	70 - 00				
			EN ENO			→	

网络7:启动状态处理

```
%M13.0
"FLAG_QIDONG_
KEEP"
%DB44.DBX0.0
   "G".启动
                   SR
    "T1".Q
    \dashvP\vdash
 %M13.2
"RISE_T1_1"
                    %M13.1
"FLAG_RUN"
   "T1".Q
                   SR
     ⊣ P ⊢
   %M13.3
  "RISE_T1_2"
%DB44.DBX0.1
"G".停止
     \dashv \vdash
                      %DB52
"T1"
   %M13.0
"FLAG_QIDONG_
KEEP"
                       TON
                      Time
                            Q-
                   - IN
          T#5S — PT
                             ET — T#0ms
```

网络8:停止状态处理

网络9:红灯

网络 10:绿灯

```
*M13.0
"FLAG_QIDONG_ *M0.5
KEEP" "Clock_1Hz" "三色灯-緑"

*DB44.DBX0.2 *M13.1
"G".急停 "FLAG_RUN"
```

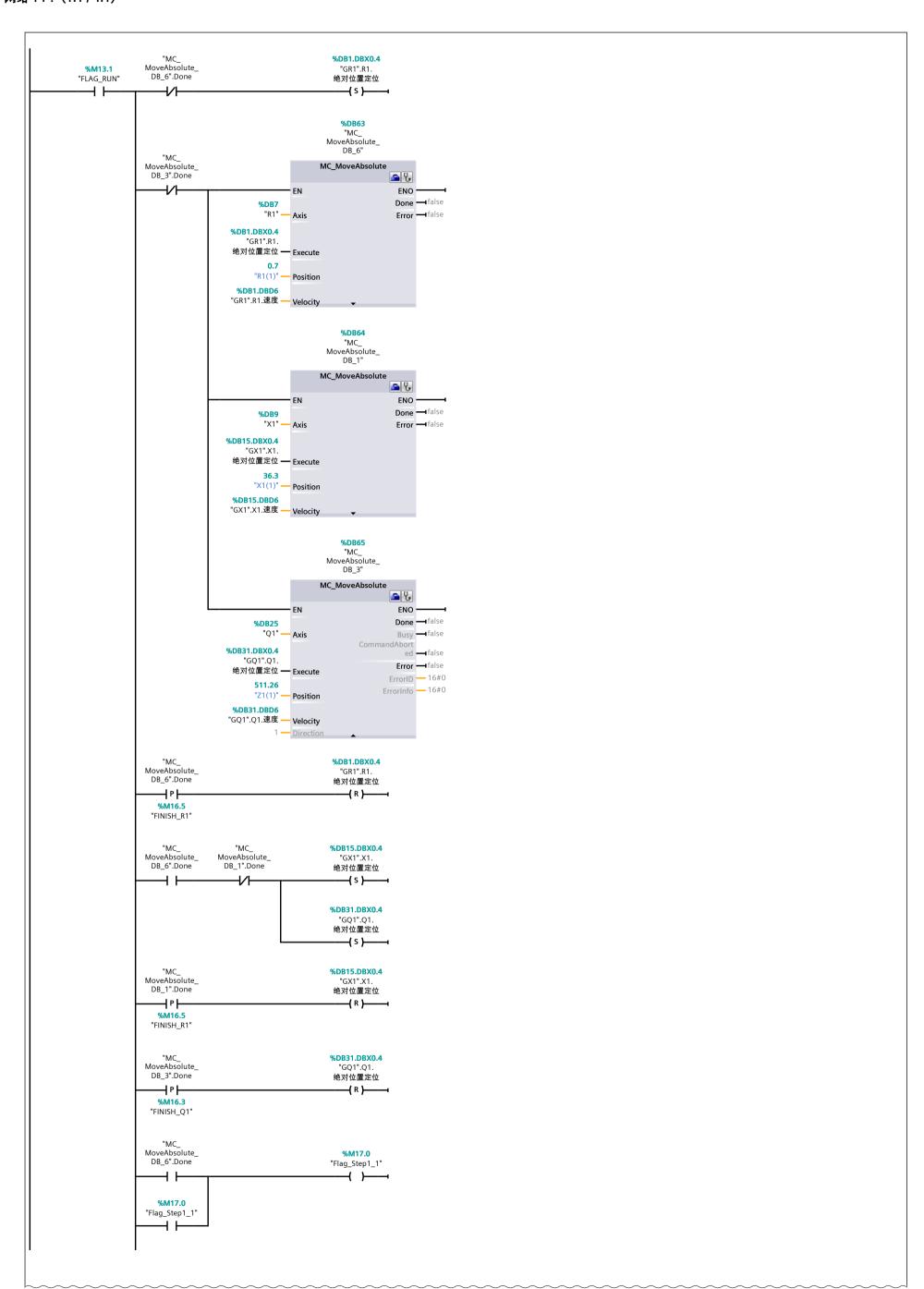
网络 11: 黄灯

网络 12:夹爪

网络 13:吸盘

网络 14:

网络 14: (1.1 / 4.1)



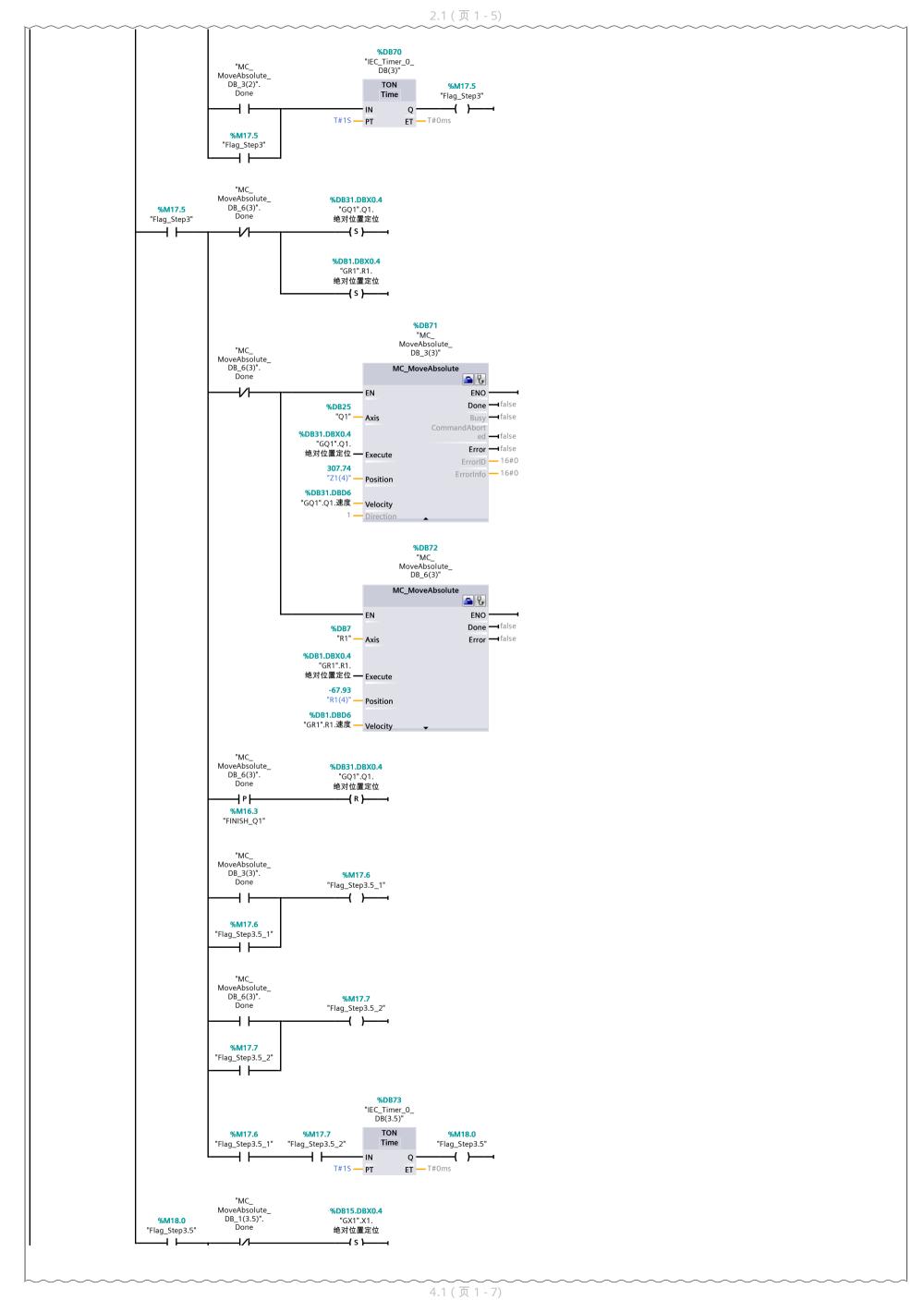
2.1 (页 1 - 5)

Totally Integrated **Automation Portal** 网络 14: (2.1 / 4.1) 1.1 (页 1 - 4) "MC_ MoveAbsolute_ %M17.1 DB_1".Done "Flag_Step1_2" **⊣** ⊢ %M17.1 "Flag_Step1_2" \dashv \vdash "MC_ MoveAbsolute_ DB_3".Done %M17.2 "Flag_Step1_3" %M17.2 "Flag_Step1_3" \dashv \vdash %DB66 "IEC_Timer_0_DB" TON %M17.0 %M17.1 %M17.2 %M17.3 "Flag_Step1_1" "Flag_Step1_3" Time "Flag_Step1" "Flag_Step1_2" \dashv \vdash \dashv \vdash **→** → - IN Q -T#1S — PT ET — T#0ms "MC_ MoveAbsolute_ DB_3(1)". **%DB31.DBX0.4** "GQ1".Q1. %M17.3 "Flag_Step1" 绝对位置定位 ٦H **-(** s **)**-%DB67 "MC_ MoveAbsolute_ "MC_ MoveAbsolute_ DB_3(1)". Done DB_3(1)" MC_MoveAbsolute **-**//⊢ ENO -- EN **Done →**false %DB25 "Q1" — Busy —false Axis CommandAbort ed —false %DB31.DBX0.4 Error → false 绝对位置定位 — Execute ErrorID — 16#0 864.06 ErrorInfo — 16#0 "Z1(2)" — Position %DB31.DBD6 "GQ1".Q1.速度 — Velocity 1 — Directi "MC_ MoveAbsolute_ DB_3(1)". Done %DB31.DBX0.4 "GQ1".Q1. 绝对位置定位 —(R)— Ⅎℙℍ %M16.3 "FINISH_Q1" %DB68 "MC_ MoveAbsolute_ DB_3(1)". Done TON %M17.4 Time "Flag_Step2" \dashv \vdash - IN Q -**→ →** %M17.4 "Flag_Step2" "MC_ MoveAbsolute_ DB_3(2)". %DB31.DBX0.4 %M17.4 "Flag_Step2" 绝对位置定位 **-(** s **)**-%DB69 "MC_ MoveAbsolute_ DB_3(2)" "MC_ Db_عرــ,
MC_MoveAbsolute MoveAbsolute_ DB_3(2)". ENO -**Done →**false %DB25 "Q1" — Axis Busy —false CommandAbort ed —false %DB31.DBX0.4 "GQ1".Q1. Error —false 绝对位置定位 — Execute ErrorID — 16#0 307.74 ErrorInfo — 16#0 "Z1(3)" <mark>-</mark> Position %DB31.DBD6 "GQ1".Q1.速度 — Velocity 1 — Direction "MC_ MoveAbsolute_ DB_3(2)". Done %DB31.DBX0.4 绝对位置定位 **–(** R **)**– %M16.3 "FINISH_Q1"

Totally Integrated Automation Portal

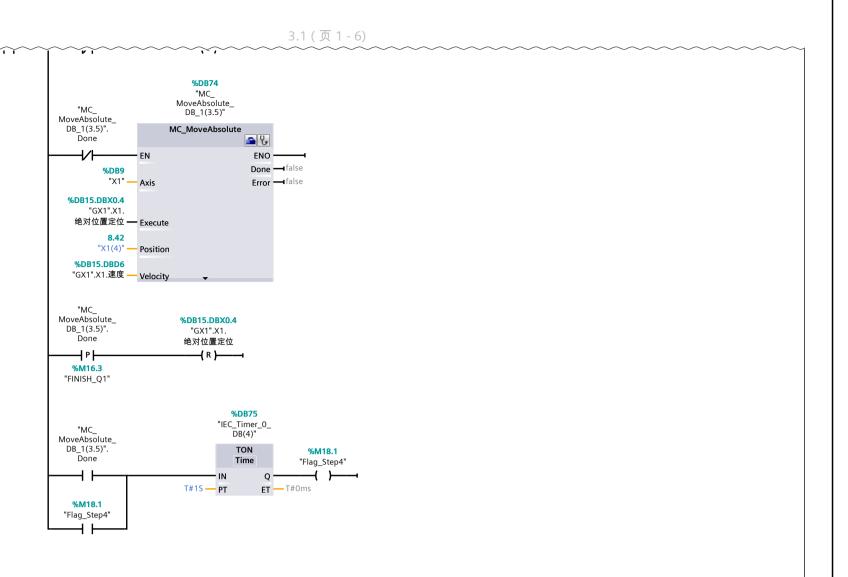
网络 14: (3.1 / 4.1)

2.1 (页 1 - 5)

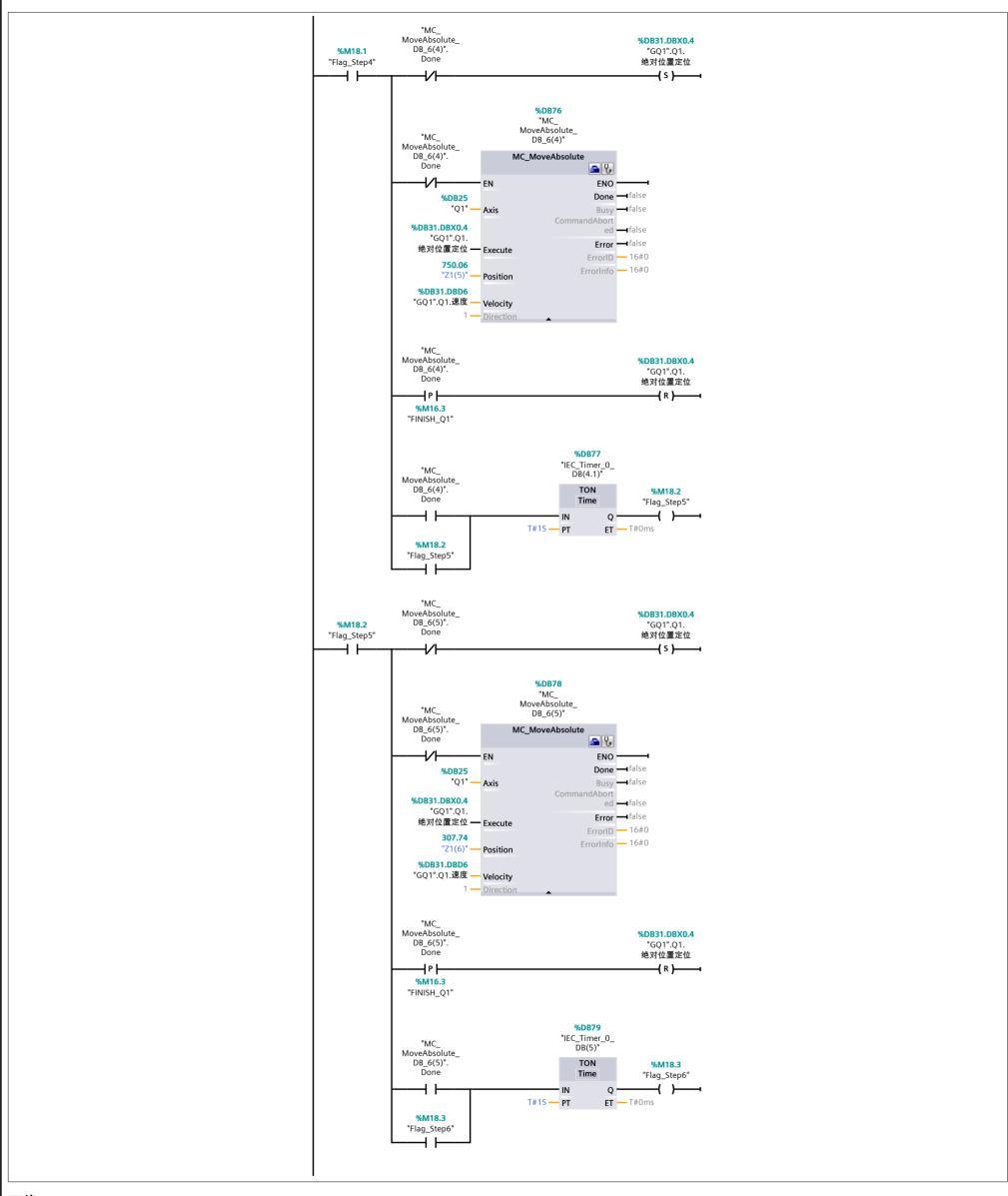


|--|

网络 14: (4.1 / 4.1)

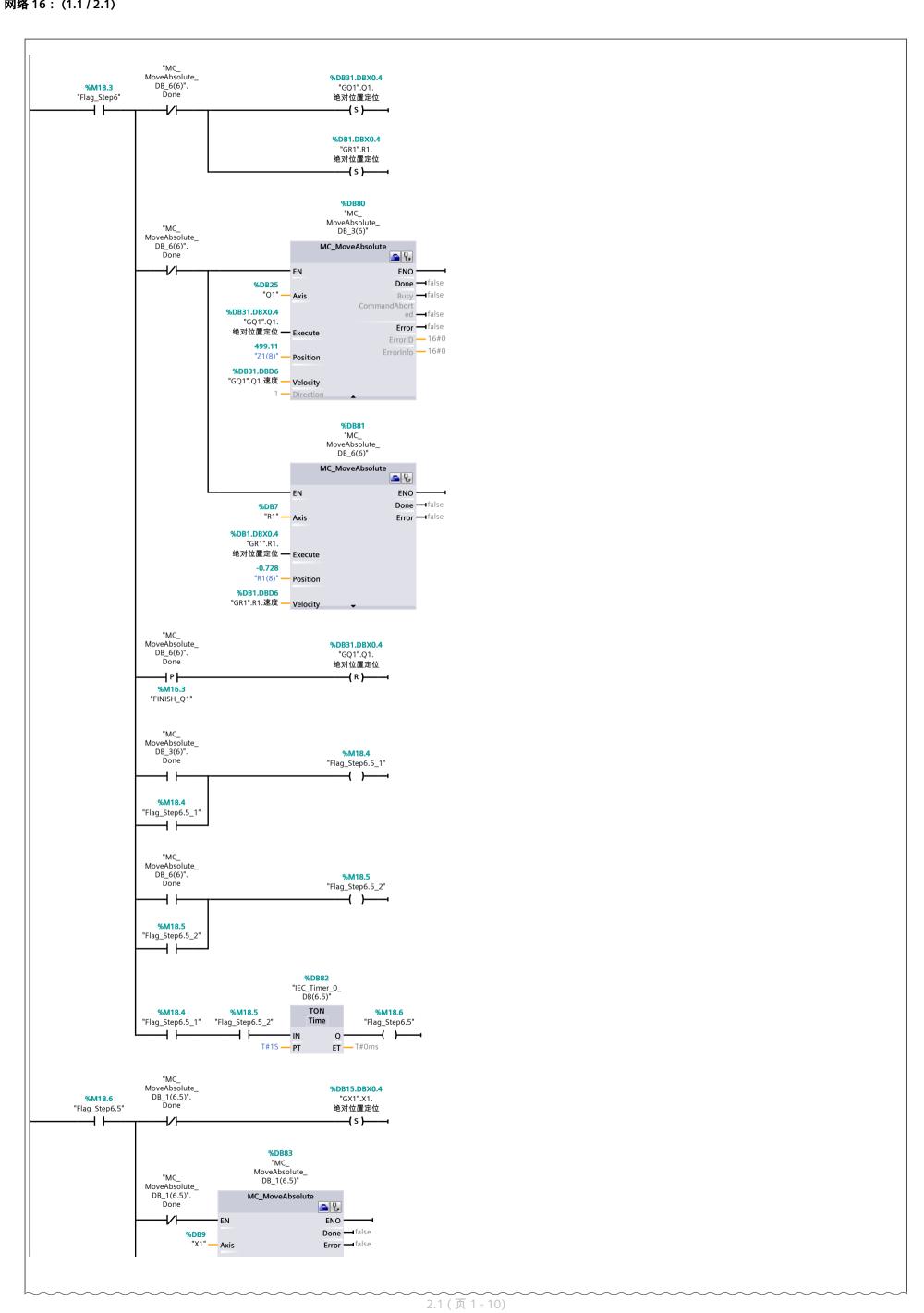


网络 15:



网络 16:

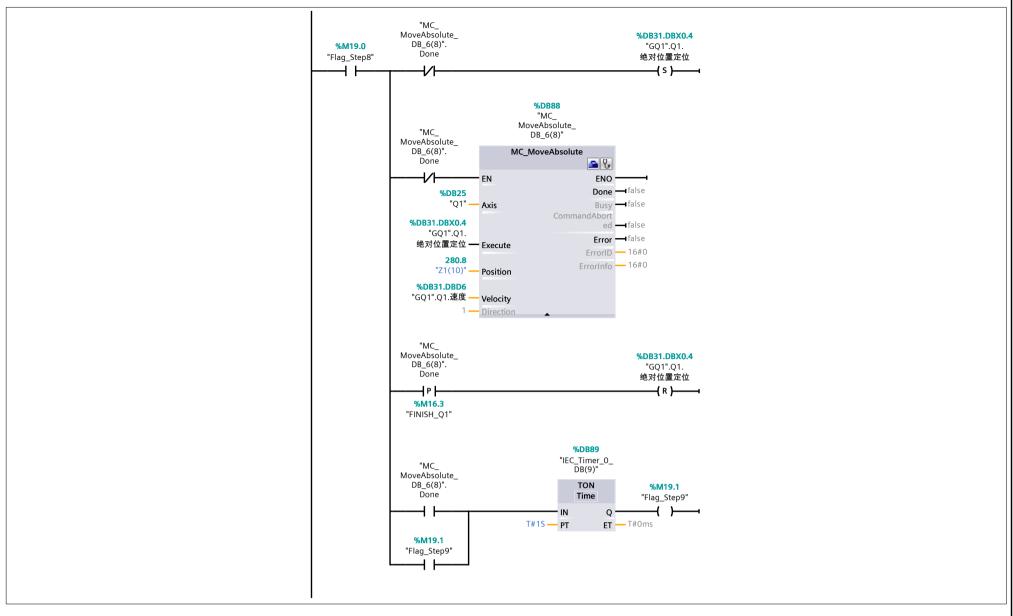
网络 16: (1.1 / 2.1)



Totally Integrated **Automation Portal** 网络 16: (2.1 / 2.1) 1.1 (页 1 - 9) %DB15.DBX0.4 "GX1".X1. 绝对位置定位 — Execute -7.66 "X1(8)" — Position %DB15.DBD6 "GX1".X1.速度 — Velocity "MC_ MoveAbsolute_ DB_1(6.5)". Done %DB15.DBX0.4 "GX1".X1. 绝对位置定位 —(R)— "FINISH_Q1" %DB84 "IEC_Timer_0_ DB(7)" "MC_ MoveAbsolute_ DB_1(6.5)". Done TON **%M18.7** "Flag_Step7" Time **T#1S** — **PT** ET — T#0ms %M18.7 "Flag_Step7" \dashv \vdash "MC_ MoveAbsolute_ DB_6(7)". Done %DB31.DBX0.4 "GQ1".Q1. 绝对位置定位 %M18.7 "Flag_Step7" **_(** s **)**___ %DB85

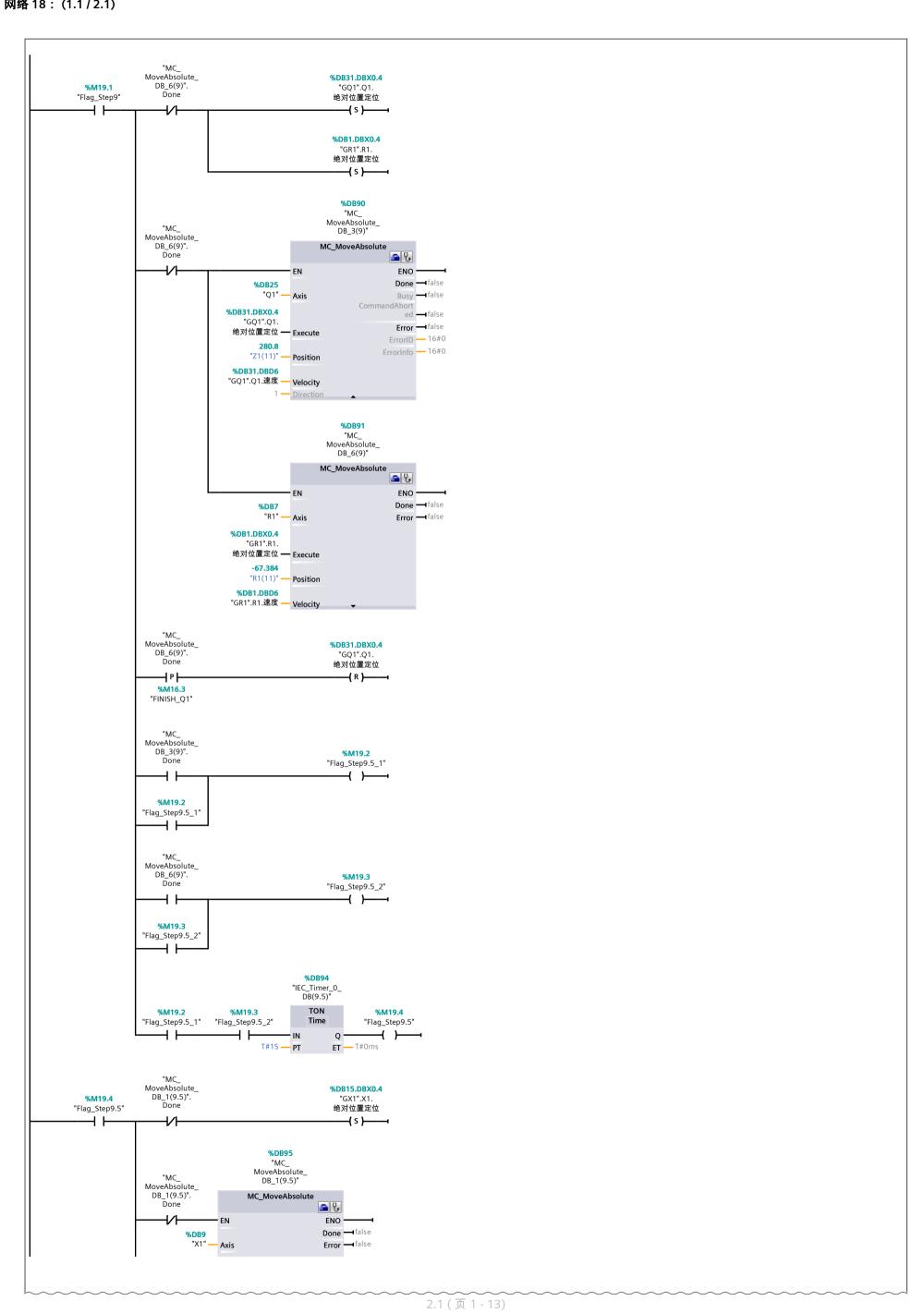
"MC_
MoveAbsolute_
DB_6(7)" "MC_ MoveAbsolute_ DB_6(7)". MC_MoveAbsolute - EN ENO -**Done →** false %DB25 "Q1" — Axis Busy **→**false CommandAbort ed —false %DB31.DBX0.4 Error — false 绝对位置定位 — Execute ErrorID — 16#0 813.48 ErrorInfo — 16#0 "Z1(9)" — Position %DB31.DBD6 "GQ1".Q1.速度 — Velocity 1 — Direction "MC_ MoveAbsolute_ %DB31.DBX0.4 DB_6(7)". Done "GQ1".Q1. 绝对位置定位 \dashv P \vdash —(R)— %M16.3 "FINISH_Q1" **%DB87**"IEC_Timer_0_
DB(8)" "MC_ MoveAbsolute_ TON DB_6(7)". Done %M19.0 Time "Flag_Step8" T#1S — IN Q — T#0ms \dashv \vdash **→** → %M19.0 "Flag_Step8" \dashv \vdash

网络 17:



网络 18:

网络 18: (1.1 / 2.1)



Totally Integrated Automation Portal		
网络 18: (2.1 / 2.1)		
Automation Portal	Services Servic	

网络 19:

```
"MC_
MoveAbsolute_
DB_6(10)".
Done
                                                                                %DB31.DBX0.4
                                                                                 "GQ1".Q1.
绝对位置定位
  %M19.5
"Flag_Step10"
                                                     %DB97
                                                 "MC_
MoveAbsolute_
                  "MC_
MoveAbsolute_
DB_6(10)".
Done
                                                    DB_6(10)"
                                                          <u>-</u> ₽
                                        EN.
                                                                     ENO -
                                                                    Done →false
                             %DB25
                                                                     Busy — false
                                "Q1" — Axis
                                                          CommandAbort
ed →false
                     %DB31.DBX0.4 "GQ1".Q1.
                                                                   Error → false
                        绝对位置定位 — Execute
                                                                  ErrorID — 16#0
                             600.0
                                                                 ErrorInfo — 16#0
                           "Z1(12)" — Position
                       %DB31.DBD6
                      "GQ1".Q1.速度 — Velocity
                                  1 — Direction
                  "MC_
MoveAbsolute_
DB_6(10)".
Done
                                                                                %DB31.DBX0.4
                                                                                 "GQ1".Q1.
绝对位置定位
                        \dashvP\vdash
                                                                                    --( ℝ )--
                       %M16.3
                    "FINISH_Q1"
                                                                %DB98
                                                            "IEC_Timer_0_
DB(11)"
                  "MC_
MoveAbsolute_
DB_6(10)".
Done
                                                            TON
                                                                                   %M19.6
                                                                                 "Flag_Step11"
                                                   T#1S — PT ET — T#0ms
                       %M19.6
                    "Flag_Step11"
```

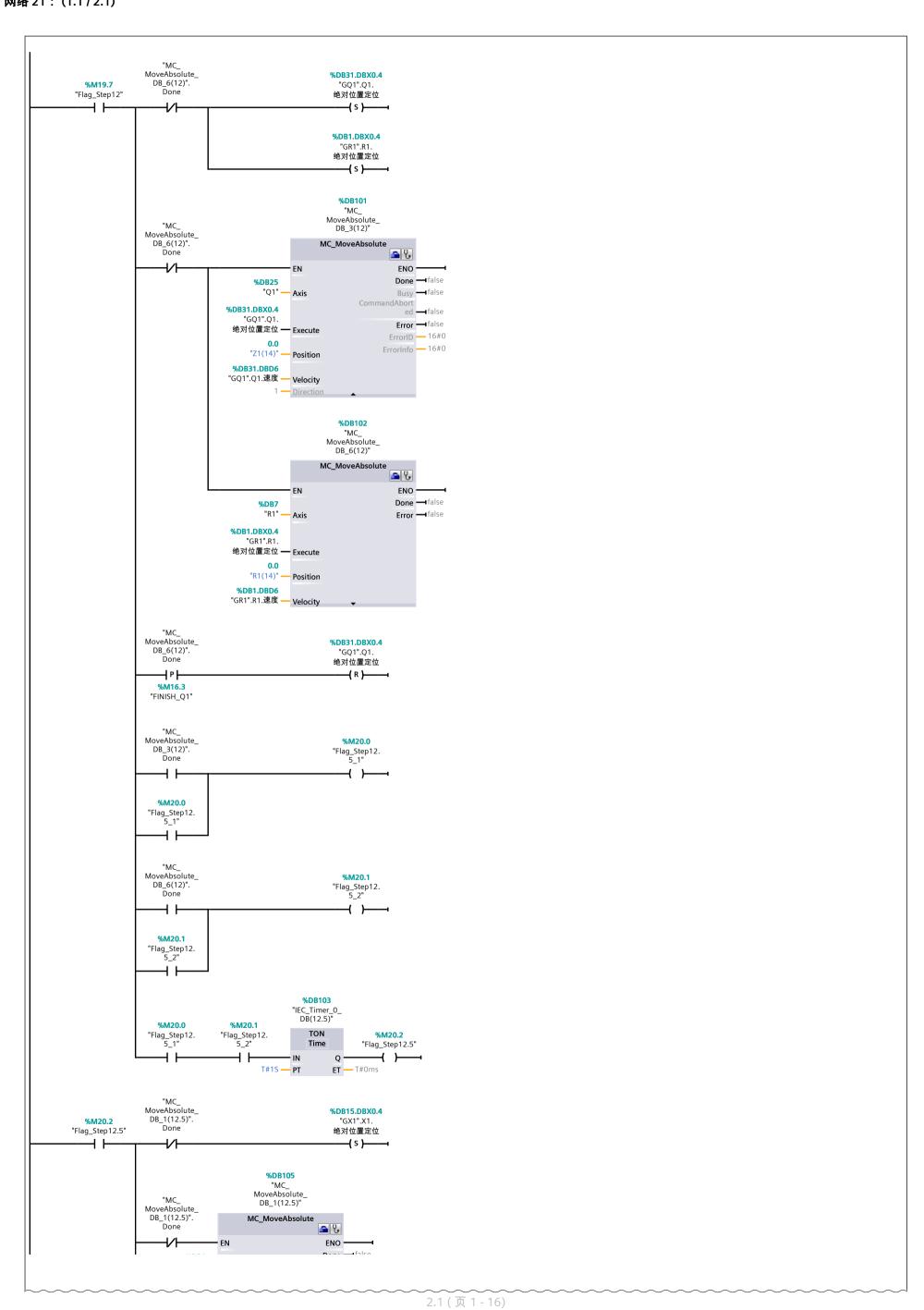
网络 20:

```
"MC_
MoveAbsolute_
DB_6(11)".
Done
                                                                             %DB31.DBX0.4
                                                                              "GQ1".Q1.
绝对位置定位
  %M19.6
"Flag_Step11"
                                               %DB99

"MC_
MoveAbsolute_
DB_6(11)"
                       "MC_
                  MoveAbsolute_
DB_6(11)".
                                              MC_MoveAbsolute
                       Done
                                                                  ENO -
                                      - EN
                                                                 Done →false
                            %DB25
                                                                  Busy — false
                              "Q1" — Axis
                                                        CommandAbort
ed —false
                     %DB31.DBX0.4 "GQ1".Q1.
                                                               Error → false
                       绝对位置定位 — Execute
                                                               ErrorID — 16#0
                             280.8
                                                              ErrorInfo — 16#0
                           "Z1(13)" —
                                      Position
                      %DB31.DBD6
                     "GQ1".Q1.速度 — Velocity
                                 1 — Direction
                  "MC_
MoveAbsolute_
DB_6(11)".
Done
                                                                             %DB31.DBX0.4
                                                                              绝对位置定位
                      %M16.3
                    "FINISH_Q1"
                                                         %DB100
"IEC_Timer_0_
DB(12)"
                 "MC_
MoveAbsolute_
DB_6(11)".
Done
                                                          TON
                                                                               %M19.7
                                                          Time - IN Q -
                                                                             "Flag_Step12"
                                                                               \longrightarrow
                                                 T#1S — PT ET — T#0ms
                    %M19.7
                   "Flag_Step12"
```

网络 21:

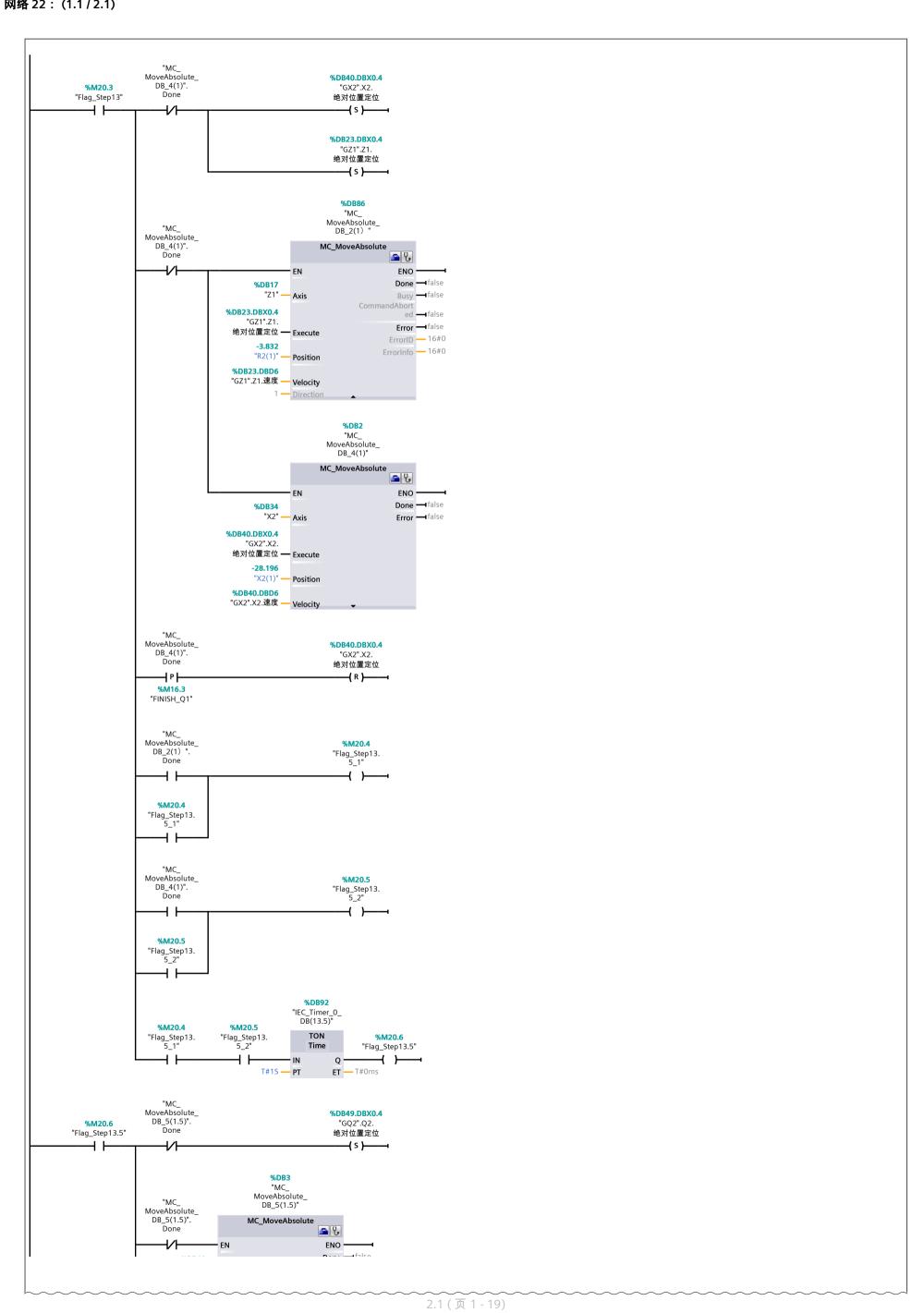
网络 21: (1.1 / 2.1)



Totally Integrated Automation Portal						
网络 21: (2.1 / 2.1)						
	### None					
	*M16.3 "FINISH_Q1" **MC_					

Totally Integrated Automation Portal	
网络 22:	

网络 22: (1.1 / 2.1)



Totally Integrated **Automation Portal** 网络 22: (2.1 / 2.1) 1.1 (页 1 - 18) Done Tidise %DB42 "Q2" — Axis Error —false **%DB49.DBX0.4** "GQ2".Q2. 绝对位置定位 — Execute **436.47**"Z2(1)" — Position **%DB49.DBD6** "GQ2".Q2.速度 — Velocity "MC_ MoveAbsolute_ DB_5(1.5)". Done **%DB49.DBX0.4** "GQ2".Q2. 绝对位置定位 \dashv P \vdash —(R)— **%M16.3** "FINISH_Q1" **%DB93**"IEC_Timer_O_
DB(14)" "MC_ MoveAbsolute_ DB_5(1.5)". Done TON %M20.7 "Flag_Step14" Time "Flag_
IN Q
T#15 PT ET T#0ms **%M20.7**"Flag_Step14"

网络 23:

```
"MC_
MoveAbsolute_
DB_5(2)".
Done
                                                                          %DB49.DBX0.4
  %M20.7
                                                                            "GQ2".Q2.
"Flag_Step14"
                                                                           绝对位置定位
                                                  %DB4
                                             "MC_
MoveAbsolute_
                 "MC_
MoveAbsolute_
DB_5(2)".
Done
                                                DB_5(2)"
                                                     $ €
                                     EN.
                                                                ENO -
                                                               Done → false
                           %DB42
                                                               Busy — false
                             "Q2" — Axis
                                                     CommandAbort
ed →false
                    %DB49.DBX0.4 "GQ2".Q2.
                                                              Error — false
                      绝对位置定位 — Execute
                                                             ErrorID — 16#0
                                                            ErrorInfo — 16#0
                          "Z2(2)" — Position
                     %DB49.DBD6
                    "GQ2".Q2.速度 — Velocity
                               1 — Direction
                      "MC_
                 MoveAbsolute_
DB_5(2)".
Done
                                                                          %DB49.DBX0.4
                                                                           "GQ2".Q2.
绝对位置定位
                      \dashvP\vdash
                                                                              -( R )-
                     %M16.3
                   "FINISH_Q1"
                                                           %DB5
                                                       "IEC_Timer_0_
DB(15)"
                 "MC_
MoveAbsolute_
DB_5(2)".
Done
                                                       TON
                                                                            %M21.0
                                                                          "Flag_Step15"
                                               %M21.0
                  "Flag_Step15"
```

网络 24:

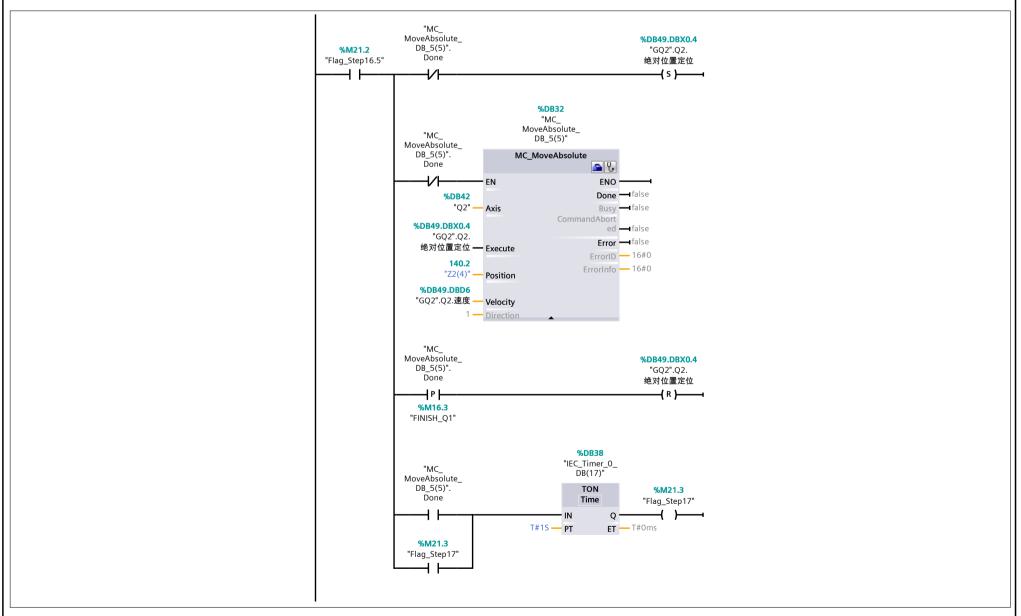
```
"MC_
MoveAbsolute_
DB_2(3)".
Done
                                                                          %DB23.DBX0.4
                                                                           "GZ1".Z1.
绝对位置定位
  %M21.0
"Flag_Step15"
                                             %DB6

"MC_
MoveAbsolute_
DB_2(3)"
                      "MC_
                 MoveAbsolute_
DB_2(3)".
                                            MC_MoveAbsolute
                      Done
                                                                ENO -
                                     - EN
                                                               Done →false
                          %DB17
                                                               Busy — false
                             "Z1" — Axis
                                                     CommandAbort ed —false
                    %DB23.DBX0.4
                         "GZ1".Z1.
                                                            Error —false
                      绝对位置定位 — Execute
                                                            ErrorID — 16#0
                           69.412
                                                            ErrorInfo — 16#0
                           "R2(3)" — Position
                     %DB23.DBD6
                     "GZ1".Z1.速度 — Velocity
                                1 — Direction
                 "MC_
MoveAbsolute_
DB_2(3)".
Done
                                                                          %DB23.DBX0.4
                                                                           --
绝对位置定位
                     %M16.3
                   "FINISH_Q1"
                                                       %DB13
"IEC_Timer_0_
DB(16)"
                "MC_
MoveAbsolute_
DB_2(3)".
Done
                                                        TON
                                                                            %M21.1
                                                       Time Q -
                                                                          "Flag_Step16"
                                                                           \longrightarrow
                                               T#1S — PT ET — T#0ms
                    %M21.1
                  "Flag_Step16"
```

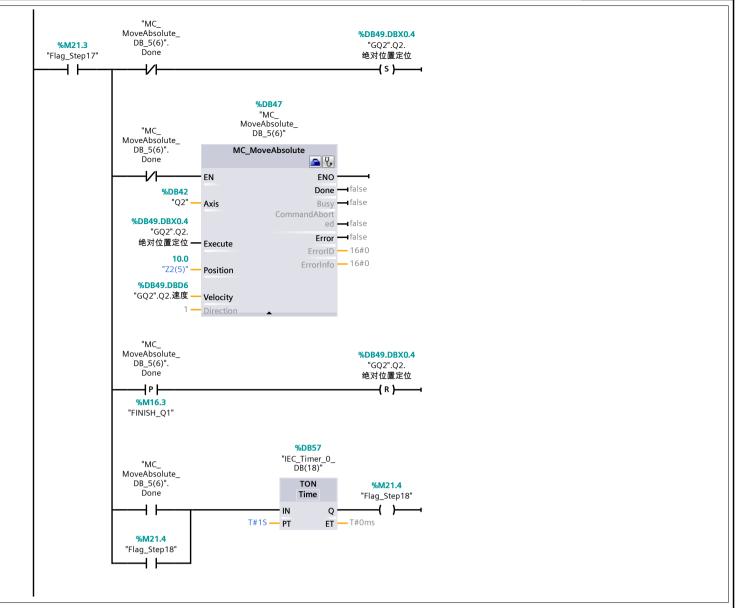
网络 25:

```
"MC_
MoveAbsolute_
DB_4(4.5)".
Done
                                                                                      %DB40.DBX0.4
  %M21.1
                                                                                         "GX2".X2.
                                                                                       绝对位置定位
"Flag_Step16"
                                                                                            -( s )-
                                                          %DB21
                                                     "MC_
MoveAbsolute_
DB_4(4.5)"
                    "MC_
MoveAbsolute_
DB_4(4.5)".
Done
                                                    MC_MoveAbsolute
                                                                          ENO -
                                           - EN
                                                                          Done → false
                                                                          Busy — false
                                           Axis
                       %DB40.DBX0.4
                             "GX2".X2.
                                                                         Error → false
                         绝对位置定位 — Execute
                                                                        ErrorID — 16#0
                               -47.48
"X2(4)" — Position
                                                                      ErrorInfo — 16#0
                         %DB40.DBD6
                         "GX2".X2.速度 — Velocity
                    "MC_
MoveAbsolute_
DB_4(4.5)".
Done
                                                                                       %DB40.DBX0.4
                                                                                       "GX2".X2.
绝对位置定位
                          \dashvP\vdash
                      %M16.3
"FINISH_Q1"
                                                                    %DB29
                                                                 "IEC_Timer_0_
DB(16.5)"
                    "MC_
MoveAbsolute_
DB_4(4.5)".
Done
                                                                                          %M21.2
                                                                                      "Flag_Step16.5"
                                                       T#1S — PT
                                                                        ET — T#0ms
                        %M21.2
                    "Flag_Step16.5"
```

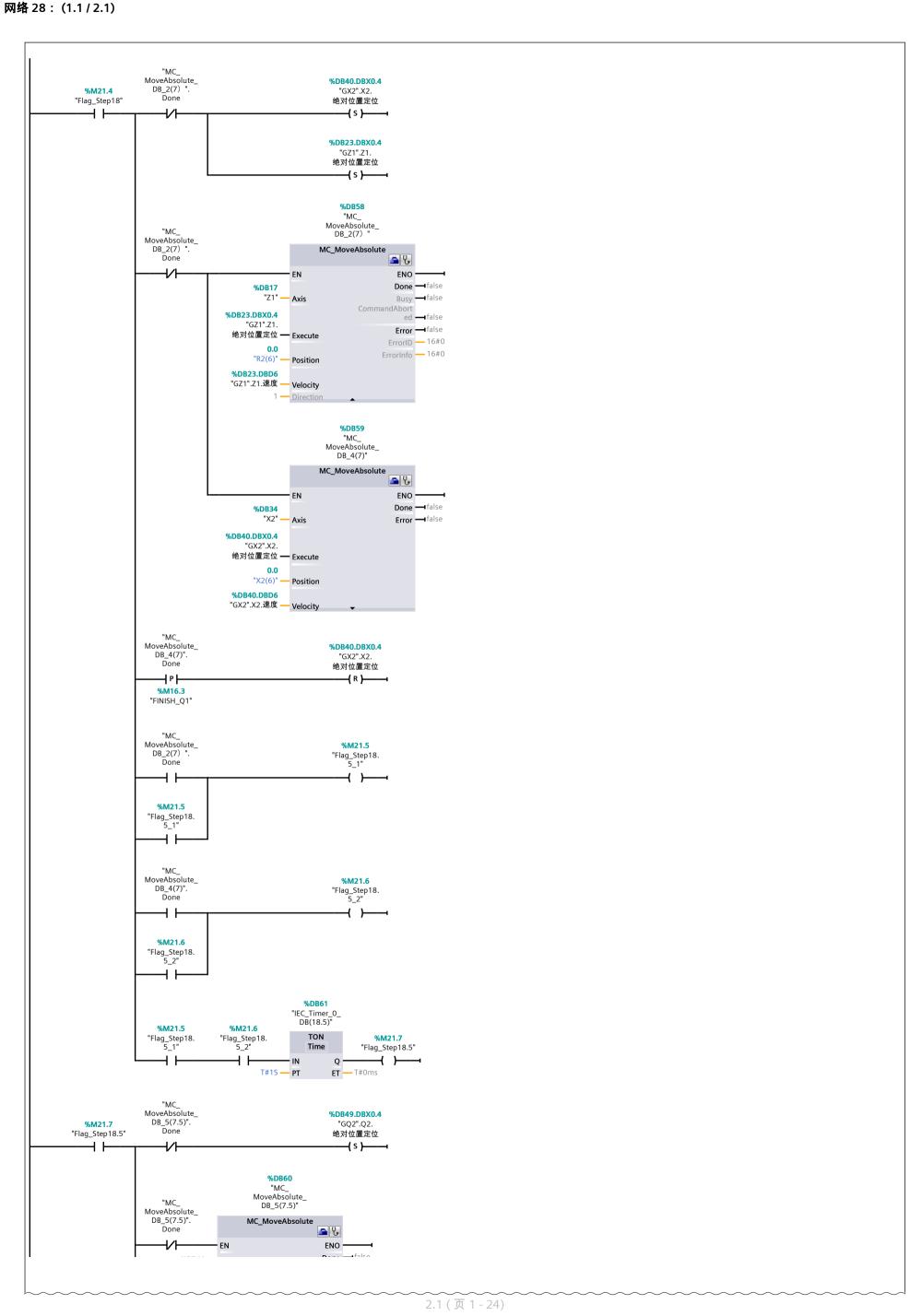
网络 26:



网络 27:



网络 28:



Totally Integrated **Automation Portal** 网络 28: (2.1 / 2.1) 1.1 (页 1 - 23) Done Tidise %DB42 "Q2" — Axis Error —false **%DB49.DBX0.4** "GQ2".Q2. 绝对位置定位 — Execute 0.0 "Z2(6)" — Position **%DB49.DBD6** "GQ2".Q2.速度 — Velocity "MC_ MoveAbsolute_ DB_5(7.5)". Done **%DB49.DBX0.4** "GQ2".Q2. 绝对位置定位 \dashv P \vdash —(R)— **%M16.3** "FINISH_Q1" **%DB62**"IEC_Timer_O_
DB(19)" "MC_ MoveAbsolute_ DB_5(7.5)". Done **%M22.0**"Flag_Step19"

网络 29:

