

FC200 - <offline>

"FcDataForDCS"

Nome: Famiglia:
Autore: Versione: 0.1
Versione blocco: 2
Data e ora Codice: 05/12/2018 11.16.26
Interfaccia: 19/11/2018 11.55.56
Lunghezze (blocco / codice / dati): 02412 02040 00006

Nome	Tipo di dati	Indirizzo	Commento
IN		0.0	
OUT		0.0	
IN_OUT		0.0	
TEMP		0.0	
RETURN		0.0	
RET_VAL		0.0	

Blocco: FC200**Segmento: 1 PT012**

L "PlantData".Pressure_PT012 DB100.DBW8
ITD
DTR
T "Db_DataForDCS".Pressure_PT012 DB200.DBD12 -- PRESSURE INDICATOR 004600VA003 (0-16 bar) -
EW30 - 6005004600PT012

Segmento: 2 PT014

L "PlantData".Pressure_PT014 DB100.DBW10
ITD
DTR
T "Db_DataForDCS".Pressure_PT014 DB200.DBD36 -- PRESSURE INDICATOR LINE 004600IA046-2"-A55-N
(0-16 bar)-EW32 - 6005004600PT014

Segmento: 3 PT015

L "PlantData".Pressure_PT015 DB100.DBW12
ITD
DTR
T "Db_DataForDCS".Pressure_PT015 DB200.DBD0 -- PRESSURE INDICATOR 004600VA002A (0-16 bar) -
EW34 - 6005004600PT015

Segmento: 4 PT016

L "PlantData".Pressure_PT016 DB100.DBW14
ITD
DTR
T "Db_DataForDCS".Pressure_PT016 DB200.DBD4 -- PRESSURE INDICATOR 004600VA002B (0-16 bar) -
EW36 - 6005004600PT016

Segmento: 5 PT017

L "PlantData".Pressure_PT017 DB100.DBW6
ITD
DTR
T "Db_DataForDCS".Pressure_PT017 DB200.DBD8 -- PRESSURE INDICATOR 004600VA003 (0-16 bar) -
EW40 - 6005004600PT017

Segmento: 6	TT02
-------------	------

L	"PlantData".Temperature_TT002	DB100.DBW0	
ITD			
DTR			
T	"Db_DataForDCS".Temperature_TT02	DB200.DBD16	-- TEMPERATURE INDICATOR 004600VA002A (0-60 °C) S1 - EW42 - 6005004600TT002

Segmento: 7	TT03
-------------	------

L	"PlantData".Temperature_TT003	DB100.DBW2	
ITD			
DTR			
T	"Db_DataForDCS".Temperature_TT03	DB200.DBD20	-- TEMPERATURE INDICATOR 004600VA002B (0-60 °C) S2 - EW44 - 6005004600TT003

Segmento: 8	TT04
-------------	------

L	"PlantData".Temperature_TT004	DB100.DBW4	
ITD			
DTR			
T	"Db_DataForDCS".Temperature_TT04	DB200.DBD24	-- TEMPERATURE INDICATOR 004600VA003 ((0-60 °C) S3 - EW46 - 6005004600TT004

Segmento: 9	AT001
-------------	-------

L	"PlantData".Dew_point_AT001	DB100.DBW16	
ITD			
DTR			
T	"Db_DataForDCS".HumidityLine_AT001	DB200.DBD32001	-- HUMIDITY INDICATOR - EW50 - 6005004600AT

Segmento: 10	FT001
--------------	-------

L	"PlantData".FLOW_FT001	DB100.DBW18	
ITD			
DTR			
T	"Db_DataForDCS".FlowLine_FT001	DB200.DBD40	-- FLOW INDICATOR - EW52 - 6005004600FT001

Segmento: 11	Temperature Compressor A
--------------	--------------------------

L	"Compressor_A_Data".OutTemperature	DB21.DBW2	
ITD			
DTR			
T	"Db_DataForDCS".TemperatureComp_A	DB200.DBD445004600TT010A	-- TEMPERATURE INDICATOR COMPRESSOR A - 600

Segmento: 12	Pressure Compressor A
--------------	-----------------------

L	"Compressor_A_Data".OutPressure	DB21.DBW0	
ITD			
DTR			
T	"Db_DataForDCS".PressureComp_A	DB200.DBD480PT011A	-- PRESSURE INDICATOR COMPRESSOR A - 600500460

Segmento: 13	Temperature Compressor B
--------------	--------------------------

L	"Compressor_B_Data".OutTemperature	DB22.DBW2	
ITD			
DTR			
T	"Db_DataForDCS".TemperatureComp_B	DB200.DBD52004600TT010B	-- TEMPERATURE INDICATOR COMPRESSOR B -6005

Segmento: 14 Pressure Compressor B

```
L      "Compressor_B_Data".OutPressure  DB22.DBW0
ITD
DTR
T      "Db_DataForDCS".PressureComp_B   DB200.DBD56      -- PRESSURE INDICATOR COMPRESSOR B - 600500460
                                0PT011B
```

Segmento: 15 Temperature Compressor C

```
L      "Compressor_B_Data".OutTemperature  DB22.DBW2
ITD
DTR
T      "Db_DataForDCS".TemperatureComp_C   DB200.DBD60      -- TEMPERATURE INDICATOR COMPRESSOR C - 600
                                5004600TT010B
```

Segmento: 16 Pressure Compressor C

```
L      "Compressor_B_Data".OutPressure  DB22.DBW0
ITD
DTR
T      "Db_DataForDCS".PressureComp_C   DB200.DBD64      -- PRESSURE INDICATOR COMPRESSOR C - 6005004600
                                PT011B
```

Segmento: 17 Close Valve for low pressure (6 bar)

```
U(
L      "PlantData".FLOW_FT001            DB100.DBW18
L      6
<=I
)
U      "ZSL007"                          E11.7
L      0
SPBN   j18
L      1
j18: T  "Db_DataForDCS".T6005004600UY007 DB200.DBW68      -- CLOSE VALVE UV007 FOR LOW PRES.(6barg)-600
                                5004600UY007
```

Segmento: 18 Valve services is open

```
L      0
U      "ZSH007"                          E11.6
SPBN   j19
L      1
j19: T  "Db_DataForDCS".T6005004600ZLH007 DB200.DBW70      -- VALVE UV007 OPEN - 6005004600ZLH007
```

Segmento: 19 Valve services is close

```
L      0
U      "ZSL007"                          E11.7
SPBN   j20
L      1
j20: T  "Db_DataForDCS".T6005004600ZLL007 DB200.DBW72      -- VALVE UV007 CLOSE - 6005004600ZLL007
```

Segmento: 20 Dryer A - Colum A On line

```
L      "Dryer_1Data".Read.Address_0x35   DB11.DBW70      -- cycle t1
T      "Db_DataForDCS".T6005004600UL101  DB200.DBW74      -- COLUMN A ON LINE - 6005004600UL101
```

Segmento: 21 Dryer A - Colum A regenereting

```
L      "Dryer_1Data".Read.Address_0x36   DB11.DBW72      -- cycle t2
T      "Db_DataForDCS".T6005004600UL102  DB200.DBW76      -- COLUMN A REGENERETING - 6005004600UL102
```

Segmento: 22 Dryer A - Colum A re-pressuring

L	"Dryer_1Data".Read.Address_0x37	DB11.DBW74	-- cycle t3
T	"Db_DataForDCS".T6005004600UL108	DB200.DBW78	-- COLUMN A RE-PRESSURING - 6005004600UL108

Segmento: 23 Dryer A - Colum A stand-by

L	"Dryer_1Data".Read.Address_0x38	DB11.DBW76	-- cycle t4
T	"Db_DataForDCS".T6005004600UL109	DB200.DBW80	-- COLUMN A STAND BY - 6005004600UL109

Segmento: 24 Dryer A - Colum B On line

L	"Dryer_1Data".Read.Address_0x39	DB11.DBW78	-- cycle t5
T	"Db_DataForDCS".T6005004600UL115	DB200.DBW82	-- COLUMN B ON LINE - 6005004600UL115

Segmento: 25 Dryer A - Colum B regenereting

L	"Dryer_1Data".Read.Address_0x40	DB11.DBW80	-- cycle t6
T	"Db_DataForDCS".T6005004600UL116	DB200.DBW84	-- COLUMN B REGENERETING - 6005004600UL116

Segmento: 26 Dryer A - Colum B re-pressuring

L	"Dryer_1Data".Read.Address_0x28	DB11.DBW56	-- selected cycle
T	"Db_DataForDCS".T6005004600UL122	DB200.DBW86	-- COLUMN B RE-PRESSURING - 6005004600UL122

Segmento: 27 Dryer A - Colum B stand-by

L	"Dryer_1Data".Read.Address_0x29	DB11.DBW58	-- cycle duration
T	"Db_DataForDCS".T6005004600UL123	DB200.DBW88	-- COLUMN B STAND BY - 6005004600UL123

Segmento: 28 Dryer A - Dew point alarm

L	"Dryer_1Data".Read.Address_0x9	DB11.DBW18	-- dewpoint alarm
T	"Db_DataForDCS".T6005004600UA130	DB200.DBW90	-- DEW POINT ALARM - 6005004600UA130

Segmento: 29 Dryer A - Sensor error

L	"Dryer_1Data".Read.Address_0x10	DB11.DBW20	-- dewpoint sensor alarm
T	"Db_DataForDCS".T6005004600UA136	DB200.DBW92	-- SENSOR ERROR - 6005004600UA136

Segmento: 30 Dryer A - Service interval

L	"Dryer_1Data".Read.Address_0x25	DB11.DBW50	-- service interval
T	"Db_DataForDCS".T6005004600UL137	DB200.DBW94	-- SERVICE INTERVAL - 6005004600UL137

Segmento: 31 Dryer A - FAULT RELAY ACTIVE

L	"Dryer_1Data".Read.Address_0x13	//Controllare se è il valore che	DB11.DBW26	-- sca faul
		chiedono	t	
T	"Db_DataForDCS".T6005004600UL111		DB200.DBW96	-- FAULT RE
			LAY ACTIVE - 6005004600UL111	

Segmento: 32 Dryer B - Colum A On line

L	"Dryer_2Data".Read.Address_0x35	DB12.DBW70	-- cycle t1
T	"Db_DataForDCS".T6005004600UL201	DB200.DBW98	-- COLUMN A ON LINE - 6005004600UL201

Segmento: 33 Dryer B - Colum A regenereting

L	"Dryer_2Data".Read.Address_0x36	DB12.DBW72	-- cycle t2
T	"Db_DataForDCS".T6005004600UL202	DB200.DBW100	-- COLUMN A REGENERETING - 6005004600UL202

Segmento: 34 Dryer B - Colum A re-pressuring

L	"Dryer_2Data".Read.Address_0x37	DB12.DBW74	-- cycle t3
T	"Db_DataForDCS".T6005004600UL208	DB200.DBW102	-- COLUMN A RE-PRESSURING - 6005004600UL208

Segmento: 35 Dryer B - Colum A stand-by

L	"Dryer_2Data".Read.Address_0x38	DB12.DBW76	-- cycle t4
T	"Db_DataForDCS".T6005004600UL209	DB200.DBW104	-- COLUMN A STAND BY - 6005004600UL209

Segmento: 36 Dryer B - Colum B On line

L	"Dryer_2Data".Read.Address_0x39	DB12.DBW78	-- cycle t5
T	"Db_DataForDCS".T6005004600UL215	DB200.DBW106	-- COLUMN B ON LINE - 6005004600UL215

Segmento: 37 Dryer B - Colum B regenereting

L	"Dryer_2Data".Read.Address_0x40	DB12.DBW80	-- cycle t6
T	"Db_DataForDCS".T6005004600UL216	DB200.DBW108	-- COLUMN B REGENERETING - 6005004600UL216

Segmento: 38 Dryer B - Colum B re-pressuring

L	"Dryer_2Data".Read.Address_0x28	DB12.DBW56	-- selected cycle
T	"Db_DataForDCS".T6005004600UL222	DB200.DBW110	-- COLUMN B REPRESSURING - 6005004600UL222

Segmento: 39 Dryer B - Colum B stand-by

L	"Dryer_2Data".Read.Address_0x29	DB12.DBW58	-- cycle duration
T	"Db_DataForDCS".T6005004600UL223	DB200.DBW112	-- COLUMN B STAND BY - 6005004600UL223

Segmento: 40 Dryer B - Dew point alarm

L	"Dryer_2Data".Read.Address_0x9	DB12.DBW18	-- dewpoint alarm
T	"Db_DataForDCS".T6005004600UA230	DB200.DBW114	-- DEW POINT ALARM - 6005004600UA230

Segmento: 41 Dryer B - Sensor error

L	"Dryer_2Data".Read.Address_0x10	DB12.DBW20	-- dewpoint sensor alarm
T	"Db_DataForDCS".T6005004600UA236	DB200.DBW116	-- SENSOR ERROR - 6005004600UA236

Segmento: 42 Dryer B - Service interval

L	"Dryer_2Data".Read.Address_0x25	DB12.DBW50	-- service interval
T	"Db_DataForDCS".T6005004600UL237	DB200.DBW118	-- SERVICE INTERVAL - 6005004600UL237

Segmento: 43 Dryer B - FAULT RELAY ACTIVE

L	"Dryer_1Data".Read.Address_0x13	DB11.DBW26	-- sca fault
T	"Db_DataForDCS".T6005004600UL211	DB200.DBW120	-- FAULT RELAY ACTIVE - 6005004600UL211

Segmento: 44**Segmento: 45 Dryer C - Colum A On line**

L	"Dryer_3Data".Read.Address_0x35	DB13.DBW70	-- cycle t1
T	"Db_DataForDCS".T6005004600UL301	DB200.DBW122	-- COLUMN A ON LINE - 6005004600UL301

Segmento: 46 Dryer C - Colum A regenereting

L	"Dryer_3Data".Read.Address_0x36	DB13.DBW72	-- cycle t2
T	"Db_DataForDCS".T6005004600UL302	DB200.DBW124	-- COLUMN A REGENERETING - 6005004600UL302

Segmento: 47 Dryer C - Colum A re-pressuring

L	"Dryer_3Data".Read.Address_0x37	DB13.DBW74	-- cycle t3
T	"Db_DataForDCS".T6005004600UL308	DB200.DBW126	-- COLUMN A RE-PRESSURING - 6005004600UL308

Segmento: 48 Dryer C - Colum A stand-by

L	"Dryer_3Data".Read.Address_0x38	DB13.DBW76	-- cycle t4
T	"Db_DataForDCS".T6005004600UL309	DB200.DBW128	-- COLUMN A STAND BY - 6005004600UL309

Segmento: 49 Dryer C - Colum B On line

L	"Dryer_3Data".Read.Address_0x39	DB13.DBW78	-- cycle t5
T	"Db_DataForDCS".T6005004600UL315	DB200.DBW130	-- COLUMN B ON LINE - 6005004600UL315

Segmento: 50 Dryer C - Colum B regenereting

L	"Dryer_3Data".Read.Address_0x40	DB13.DBW80	-- cycle t6
T	"Db_DataForDCS".T6005004600UL316	DB200.DBW132	-- COLUMN B REGENERETING - 6005004600UL316

Segmento: 51 Dryer C - Colum B re-pressuring

L	"Dryer_3Data".Read.Address_0x28	DB13.DBW56	-- selected cycle
T	"Db_DataForDCS".T6005004600UL322	DB200.DBW134	-- COLUMN B REPRESSURING - 6005004600UL322

Segmento: 52 Dryer C - Colum B stand-by

L	"Dryer_3Data".Read.Address_0x29	DB13.DBW58	-- cycle duration
T	"Db_DataForDCS".T6005004600UA336	DB200.DBW136	-- COLUMN B STAND BY - 6005004600UL323

Segmento: 53 Dryer C - Dew point alarm

L	"Dryer_3Data".Read.Address_0x9	DB13.DBW18	-- dewpoint alarm
T	"Db_DataForDCS".T6005004600UA330	DB200.DBW138	-- DEW POINT ALARM - 6005004600UA330

Segmento: 54 Dryer C - Sensor error

L	"Dryer_3Data".Read.Address_0x10	DB13.DBW20	-- dewpoint sensor alarm
T	"Db_DataForDCS".T6005004600UA336	DB200.DBW140	-- SENSOR ERROR - 6005004600UA336

Segmento: 55 Dryer C - Service interval

L	"Dryer_3Data".Read.Address_0x25	DB13.DBW50	-- service interval
T	"Db_DataForDCS".T6005004600UL337	DB200.DBW142	-- SERVICE INTERVAL - 6005004600UL337

Segmento: 56 Dryer C - FAULT RELAY ACTIVE

L	"Dryer_3Data".Read.Address_0x13	DB13.DBW26	-- sca fault
T	"Db_DataForDCS".T6005004600UL311	DB200.DBW144	-- FAULT RELAY ACTIVE - 6005004600UL311

Segmento: 57 Compressor A - Run Stop

L	"CompressorUnit_Data".Comp_1_StartStop	DB24.DBW0	-- RUN / STOP COMPRESSOR A - 6005004600
T	"Db_DataForDCS".T6005004600UL001A	DB200.DBW146 UL001A	

Segmento: 58 Compressor A - load / unload

L	"CompressorUnit_Data".Comp_1_LoadUnload	DB24.DBW2	-- LOAD / UNLOAD COMPRESSOR A - 60050
T	"Db_DataForDCS".T6005004600UL002A	DB200.DBW148 04600UL002A	

Segmento: 59 Compressor A - general warning

L	"CompressorUnit_Data".Comp_1_GeneralWarning	DB24.DBW4	-- GENERAL WARNING COMPRESSOR A -
T	"Db_DataForDCS".T6005004600UA003A	DB200.DBW150 6005004600UA003A	

Segmento: 60 Compressor A - sensor error compressor

L	"CompressorUnit_Data".Comp_1_ErrorSensor	DB24.DBW6	-- SENSOR ERROR COMPRESSOR A - 60050
T	"Db_DataForDCS".T6005004600UA012A	DB200.DBW152 04600UA012A	

Segmento: 61 Compressor B - Run Stop

L	"CompressorUnit_Data".Comp_2_StartStop	DB24.DBW50	
T	"Db_DataForDCS".T6005004600UL001B	DB200.DBW154 UL001B	-- RUN / STOP COMPRESSOR B - 6005004600

Segmento: 62 Compressor B - load / unload

L	"CompressorUnit_Data".Comp_2_LoadUnload	DB24.DBW52	
T	"Db_DataForDCS".T6005004600UL002B	DB200.DBW156 4600UL002B	-- LOAD / UNLOAD COMPRESSOR B - 600500

Segmento: 63 Compressor B - general warning

L	"CompressorUnit_Data".Comp_2_GeneralWarning	DB24.DBW54	
T	"Db_DataForDCS".T6005004600UA003B	DB200.DBW158 6005004600UA003B	-- GENERAL WARNING COMPRESSOR B -

Segmento: 64 Compressor B - sensor error compressor

L	"CompressorUnit_Data".Comp_2_ErrorSensor	DB24.DBW56	
T	"Db_DataForDCS".T6005004600UA012B	DB200.DBW160 4600UA012B	-- SENSOR ERROR COMPRESSOR B - 600500

Segmento: 65 Compressor C - Run Stop

L	"CompressorUnit_Data".Comp_3_StartStop	DB24.DBW100	
T	"Db_DataForDCS".T6005004600UL001C	DB200.DBW162 UL001C	-- RUN / STOP COMPRESSOR C - 6005004600

Segmento: 66 Compressor C - load / unload

L	"CompressorUnit_Data".Comp_3_LoadUnload	DB24.DBW102	
T	"Db_DataForDCS".T6005004600UL002C	DB200.DBW164 4600UL002C	-- LOAD / UNLOAD COMPRESSOR C - 600500

Segmento: 67 Compressor C - general warning

L	"CompressorUnit_Data".Comp_3_GeneralWarning	DB24.DBW104	
T	"Db_DataForDCS".T6005004600UA003C	DB200.DBW166 6005004600UA003C	-- GENERAL WARNING COMPRESSOR C -

Segmento: 68 Compressor C - sensor error compressor

L	"CompressorUnit_Data".Comp_3_ErrorSensor	DB24.DBW106	
T	"Db_DataForDCS".T6005004600UA012C	DB200.DBW168 4600UA012C	-- SENSOR ERROR COMPRESSOR C - 600500

Segmento: 69 Override Dew Point

L	0			
T	"Db_DataForDCS".OverrideDewPoint	DB200.DBW170	--	OVERRIDE DEW POINT

Segmento: 70 Dryer 1 start stop

L	0			
T	"Db_DataForDCS".StartStop_Dryer1	DB200.DBW172	--	START STOP DRYER 1; 0:= STOP 1:=START

Segmento: 71 Dryer 2 start stop

L	0			
T	"Db_DataForDCS".StartStop_Dryer2	DB200.DBW174	--	START STOP DRYER 2; 0:= STOP 1:=START

Segmento: 72 Dryer 3 start stop

L	0			
T	"Db_DataForDCS".StartStop_Dryer3	DB200.DBW176	--	START STOP DRYER 3; 0:= STOP 1:=START

Segmento: 73 Dryer 1 auto manual

L	0			
T	"Db_DataForDCS".AutoDryer_1	DB200.DBW178	--	MANUAL AUTO DRYER 1;0:= MANUAL 1:=AUTO

Segmento: 74 Dryer 2 auto manual

L	0			
T	"Db_DataForDCS".AutoDryer_2	DB200.DBW180	--	MANUAL AUTO DRYER 1;0:= MANUAL 2:=AUTO

Segmento: 75 Dryer 3 auto manual

L	0			
T	"Db_DataForDCS".AutoDryer_3	DB200.DBW182	--	MANUAL AUTO DRYER 1;0:= MANUAL 3:=AUTO

Segmento: 76 alarm level swirch

L	0			
T	"Db_DataForDCS".AlarmLevelSwitch	DB200.DBW184	--	ALARM LEVEL SWITCH

Segmento: 77 shut down compressor 1
--

L	"CompressorUnit_Data".Comp_1_Shutdown	DB24.DBW8		
T	"Db_DataForDCS".ShutDownCompressor_1	DB200.DBW186	--	SHUT DOWN COMPRESSOR 1;0:= NOT SHUT D
		OWN 1:=SHUT DOWN		

Segmento: 78 shut down compressor 2

L	"CompressorUnit_Data".Comp_2_Shutdown	DB24.DBW58	
T	"Db_DataForDCS".ShutDownCompressor_2	DB200.DBW188	-- SHUT DOWN COMPRESSOR 2;0:= NOT SHUT D
		OWN 1:=SHUT DOWN	

Segmento: 79 shut down compressor 3

L	"CompressorUnit_Data".Comp_3_Shutdown	DB24.DBW108	
T	"Db_DataForDCS".ShutDownCompressor_3	DB200.DBW190	-- SHUT DOWN COMPRESSOR 3;0:= NOT SHUT D
		OWN 1:=SHUT DOWN	

Segmento: 80 PDP dryer compressor 1

L	"Compressor_A_Data".OutDewPoint	DB21.DBW4	
T	"Db_DataForDCS".PDP_Essiccatore_Comp_A	DB200.DBW192	-- DEW POINT COMPRESSOR 1 PDP

Segmento: 81 PDP dryer compressor 2

L	"Compressor_B_Data".OutDewPoint	DB22.DBW4	
T	"Db_DataForDCS".PDP_Essiccatore_Comp_B	DB200.DBW194	-- DEW POINT COMPRESSORE 2 PDP

Segmento: 82 PDP dryer compressor 3

L	"Compressor_C_Data".OutDewPoint	DB23.DBW4	
T	"Db_DataForDCS".PDP_Essiccatore_Comp_C	DB200.DBW196	-- DEW POINT COMPRESSORE 3 PDP

Segmento: 83 air environment compressor 1

L	"Compressor_A_Data".AirEnvironment	DB21.DBW10	
T	"Db_DataForDCS".AirEnvironment_Comp_A	DB200.DBW198	-- ARI ENVIRONMENT COMPRESSOR 1

Segmento: 84 air environment compressor 2

L	"Compressor_B_Data".AirEnvironment	DB22.DBW10	
T	"Db_DataForDCS".AirEnvironment_Comp_B	DB200.DBW200	-- ARI ENVIRONMENT COMPRESSOR 2

Segmento: 85 air environment compressor 3

L	"Compressor_C_Data".AirEnvironment	DB23.DBW10	
T	"Db_DataForDCS".AirEnvironment_Comp_C	DB200.DBW202	-- ARI ENVIRONMENT COMPRESSOR 3

Segmento: 86 COMPRESSOR A - MOTOR DRYER

L	"Compressor_A_Data".MotorDryer	DB21.DBW12	
T	"Db_DataForDCS".CompA_MotorDryer	DB200.DBW204	-- COMPRESSOR A MOTOR DRYER

Segmento: 87 COMPRESSOR B - MOTOR DRYER
--

L	"Compressor_B_Data".MotorDryer	DB22.DBW12	
T	"Db_DataForDCS".CompB_MotorDryer	DB200.DBW206	-- COMPRESSOR B MOTOR DRYER

Segmento: 88 COMPRESSOR C - MOTOR DRYER
--

L	"Compressor_C_Data".MotorDryer	DB23.DBW12	
T	"Db_DataForDCS".CompC_MotorDryer	DB200.DBW208	-- COMPRESSOR C MOTOR DRYER

Segmento: 89 COMPRESSOR A - ENABLE FRIST MOTOR

L	"Compressor_A_Data".EnableMotorPrinc	DB21.DBW14	
T	"Db_DataForDCS".CompA_EnableMotorPrinc	DB200.DBW210	-- COMPRESSOR A ENABLE FRIST MOTOR

Segmento: 90 COMPRESSOR B - ENABLE FRIST MOTOR

L	"Compressor_B_Data".EnableMotorPrinc	DB22.DBW14	
T	"Db_DataForDCS".CompB_EnableMotorPrinc	DB200.DBW212	-- COMPRESSOR B ENABLE FRIST MOTOR

Segmento: 91 COMPRESSOR C - ENABLE FRIST MOTOR

L	"Compressor_C_Data".EnableMotorPrinc	DB23.DBW14	
T	"Db_DataForDCS".CompC_EnableMotorPrinc	DB200.DBW214	-- COMPRESSOR C ENABLE FRIST MOTOR

Segmento: 92 COMPRESSOR A - AUTOMATIC FUNCTION

L	"Compressor_A_Data".AutomaticFunction	DB21.DBW16	
T	"Db_DataForDCS".CompA_AutomaticFunction	DB200.DBW216	-- COMPRESSOR A AUTOMATIC MODE

Segmento: 93 COMPRESSOR B - AUTOMATIC FUNCTION

L	"Compressor_B_Data".AutomaticFunction	DB22.DBW16	
T	"Db_DataForDCS".CompB_AutomaticFunction	DB200.DBW218	-- COMPRESSOR B AUTOMATIC MODE

Segmento: 94 COMPRESSOR C - AUTOMATIC FUNCTION

L	"Compressor_C_Data".AutomaticFunction	DB23.DBW16	
T	"Db_DataForDCS".CompC_AutomaticFunction	DB200.DBW220	-- COMPRESSOR C AUTOMATIC MODE

Segmento: 95 COMPRESSOR A - GENERAL WARNING
--

L	"Compressor_A_Data".GeneralWarning	DB21.DBW18	
T	"Db_DataForDCS".CompA_GeneralWarning	DB200.DBW222	-- COMPRESSOR A GENERAL WARNING

Segmento: 96 COMPRESSOR B - GENERAL WARNING

L	"Compressor_B_Data".GeneralWarning	DB22.DBW18	
T	"Db_DataForDCS".CompB_GeneralWarning	DB200.DBW224	-- COMPRESSOR B GENERAL WARNING

Segmento: 97 COMPRESSOR C - GENERAL WARNING

L	"Compressor_C_Data".GeneralWarning	DB23.DBW18	
T	"Db_DataForDCS".CompC_GeneralWarning	DB200.DBW226	-- COMPRESSOR C GENERAL WARNING

Segmento: 98 COMPRESSOR A - GENERAL SECURITY STOP

L	"Compressor_A_Data".StopGeneralSec	DB21.DBW20	
T	"Db_DataForDCS".CompA_StopGeneralSec	DB200.DBW228	-- COMPRESSOR A STOP GENERAL SECURITY

Segmento: 99 COMPRESSOR B - GENERAL SECURITY STOP

L	"Compressor_B_Data".StopGeneralSec	DB22.DBW20	
T	"Db_DataForDCS".CompB_StopGeneralSec	DB200.DBW230	-- COMPRESSOR B STOP GENERAL SECURITY

Segmento: 100 COMPRESSOR C - GENERAL SECURITY STOP

L	"Compressor_C_Data".StopGeneralSec	DB23.DBW20	
T	"Db_DataForDCS".CompC_StopGeneralSec	DB200.DBW232	-- COMPRESSOR C STOP GENERAL SECURITY

Segmento: 101 COMPRESSOR A - HOUR FUNCTION

L	"Compressor_A_Data".HourFunction	DB21.DBW22	
T	"Db_DataForDCS".CompA_HourFunction	DB200.DBW234	-- COMPRESSOR A HOUR FUNCTION

Segmento: 102 COMPRESSOR B - HOUR FUNCTION

L	"Compressor_B_Data".HourFunction	DB22.DBW22	
T	"Db_DataForDCS".CompB_HourFunction	DB200.DBW236	-- COMPRESSOR B HOUR FUNCTION

Segmento: 103 COMPRESSOR C - HOUR FUNCTION

L	"Compressor_C_Data".HourFunction	DB23.DBW22	
T	"Db_DataForDCS".CompC_HourFunction	DB200.DBW238	-- COMPRESSOR C HOUR FUNCTION

Segmento: 104 COMPRESSOR A - STARTUP MOTOR

L	"Compressor_A_Data".StartupMotor	DB21.DBW24	
T	"Db_DataForDCS".CompA_StartupMotor	DB200.DBW240	-- COMPRESSOR A STARTUP MOTOR

Segmento: 105 COMPRESSOR B - STARTUP MOTOR

L	"Compressor_B_Data".StartupMotor	DB22.DBW24	
T	"Db_DataForDCS".CompB_StartupMotor	DB200.DBW242	-- COMPRESSOR B STARTUP MOTOR

Segmento: 106 COMPRESSOR C - STARTUP MOTOR

L	"Compressor_C_Data".StartupMotor	DB23.DBW24	
T	"Db_DataForDCS".CompC_StartupMotor	DB200.DBW244	-- COMPRESSOR C STARTUP MOTOR

Segmento: 107 COMPRESSOR A - STARTUP DRYER

L	"Compressor_A_Data".StartupDryer	DB21.DBW26	
T	"Db_DataForDCS".CompA_StartupDryer	DB200.DBW246	-- COMPRESSOR A STARTUP DRYER

Segmento: 108 COMPRESSOR B - STARTUP DRYER

L	"Compressor_B_Data".StartupDryer	DB22.DBW26	
T	"Db_DataForDCS".CompB_StartupDryer	DB200.DBW248	-- COMPRESSOR B STARTUP DRYER

Segmento: 109 COMPRESSOR C - STARTUP DRYER

L	"Compressor_C_Data".StartupDryer	DB23.DBW26	
T	"Db_DataForDCS".CompC_StartupDryer	DB200.DBW250	-- COMPRESSOR C STARTUP DRYER

Segmento: 110 COMPRESSOR A - PROTECTION DEW POINT

L	"Compressor_A_Data".ProtDewPoint	DB21.DBW28	
T	"Db_DataForDCS".CompA_ProtDewPoint	DB200.DBW252	-- COMPRESSOR A PROTECTION DEW POINT

Segmento: 111 COMPRESSOR B - PROTECTION DEW POINT

L	"Compressor_B_Data".ProtDewPoint	DB22.DBW28	
T	"Db_DataForDCS".CompB_ProtDewPoint	DB200.DBW254	-- COMPRESSOR B PROTECTION DEW POINT

Segmento: 112 COMPRESSOR C - PROTECTION DEW POINT

L	"Compressor_C_Data".ProtDewPoint	DB23.DBW28	
T	"Db_DataForDCS".CompC_ProtDewPoint	DB200.DBW256	-- COMPRESSOR C PROTECTION DEW POINT

Segmento: 113 COMPRESSOR A - NOT CECK VALID PRESSURE

L	"Compressor_A_Data".NotCeckValidPress	DB21.DBW30	
T	"Db_DataForDCS".CompA_NotCeckValidPress	DB200.DBW258	-- COMPRESSOR A NOT CECK VALID PRESSUR
		E	

Segmento: 114 COMPRESSOR B - NOT CECK VALID PRESSURE

L	"Compressor_B_Data".NotCeckValidPress	DB22.DBW30	
T	"Db_DataForDCS".CompB_NotCeckValidPress	DB200.DBW260	-- COMPRESSOR B NOT CECK VALID PRESSUR
		E	

Segmento: 115 COMPRESSOR C - NOT CECK VALID PRESSURE

L	"Compressor_C_Data".NotCeckValidPress	DB23.DBW30	
T	"Db_DataForDCS".CompC_NotCeckValidPress	DB200.DBW262	-- COMPRESSOR C NOT CECK VALID PRESSUR
		E	

Segmento: 116 COMPRESSOR A - WARNING ADAPTER MOTOR 1

L	"Compressor_A_Data".WarningAdaptMot_1	DB21.DBW32	
T	"Db_DataForDCS".CompA_WarningAdaptMot_1	DB200.DBW264	-- COMPRESSOR A WARNING ADAPTER MOTOR
		1	

Segmento: 117 COMPRESSOR B - WARNING ADAPTER MOTOR 1

L	"Compressor_B_Data".WarningAdaptMot_1	DB22.DBW32	
T	"Db_DataForDCS".CompB_WarningAdaptMot_1	DB200.DBW266	-- COMPRESSOR B WARNING ADAPTER MOTOR
		1	

Segmento: 118 COMPRESSOR C - WARNING ADAPTER MOTOR 1

L	"Compressor_C_Data".WarningAdaptMot_1	DB23.DBW32	
T	"Db_DataForDCS".CompC_WarningAdaptMot_1	DB200.DBW268	-- COMPRESSOR C WARNING ADAPTER MOTOR
		1	

Segmento: 119 COMPRESSOR A - PROTECTION FREZZENG DRYER

L	"Compressor_A_Data".ProtFreezingDryer	DB21.DBW34	
T	"Db_DataForDCS".CompA_ProtFreezingDryer	DB200.DBW270	-- COMPRESSOR A PROTECTION FREEZING DR
		YER	

Segmento: 120 COMPRESSOR B - PROTECTION FREZZENG DRYER

L	"Compressor_B_Data".ProtFreezingDryer	DB22.DBW34	
T	"Db_DataForDCS".CompB_ProtFreezingDryer	DB200.DBW272	-- COMPRESSOR B PROTECTION FREEZING DR
		YER	

Segmento: 121	COMPRESSOR C - PROTECTION FREZZENG DRYER
---------------	--

L	"Compressor_C_Data".ProtFreezingDryer	DB23.DBW34	
T	"Db_DataForDCS".CompC_ProtFreezingDryer	DB200.DBW274	-- COMPRESSOR C PROTECTION FREEZING DRYER

Segmento: 122	COMPRESSOR A - MACHINE CONTROL MODE
---------------	-------------------------------------

L	"Compressor_A_Data".MachineControlMode	DB21.DBW36	
T	"Db_DataForDCS".Comp_A_MachineControlMode	DB200.DBW276	-- COMPRESSOR A MACHINE CONTROL MODE

Segmento: 123	COMPRESSOR B - MACHINE CONTROL MODE
---------------	-------------------------------------

L	"Compressor_B_Data".MachineControlMode	DB22.DBW36	
T	"Db_DataForDCS".Comp_B_MachineControlMode	DB200.DBW278	-- COMPRESSOR B MACHINE CONTROL MODE

Segmento: 124	COMPRESSOR C - MACHINE CONTROL MODE
---------------	-------------------------------------

L	"Compressor_C_Data".MachineControlMode	DB23.DBW36	
T	"Db_DataForDCS".Comp_C_MachineControlMode	DB200.DBW280	-- COMPRESSOR C MACHINE CONTROL MODE

Segmento: 125	COMPRESSOR A - MACHINE MECCANICAL STATE
---------------	---

L	"Compressor_A_Data".MachineMeccState	DB21.DBW38	
T	"Db_DataForDCS".Comp_A_MachineMeccState	DB200.DBW282	-- COMPRESSOR A MACHINE MECCANICAL STATE

Segmento: 126	COMPRESSOR B - MACHINE MECCANICAL STATE
---------------	---

L	"Compressor_B_Data".MachineMeccState	DB22.DBW38	
T	"Db_DataForDCS".Comp_B_MachineMeccState	DB200.DBW284	-- COMPRESSOR B MACHINE MECCANICAL STATE

Segmento: 127	COMPRESSOR C - MACHINE MECCANICAL STATE
---------------	---

L	"Compressor_C_Data".MachineMeccState	DB23.DBW38	
T	"Db_DataForDCS".Comp_C_MachineMeccState	DB200.DBW286	-- COMPRESSOR C MACHINE MECCANICAL STATE

Segmento: 128	COMPRESSOR A - GENERAL STATUS
---------------	-------------------------------

L	"Compressor_A_Data".GeneralStatus	DB21.DBW40	
T	"Db_DataForDCS".CompA_GeneralStatus	DB200.DBW288	-- COMPRESSOR A GENERAL STATUS

Segmento: 129 COMPRESSOR B - GENERAL STATUS

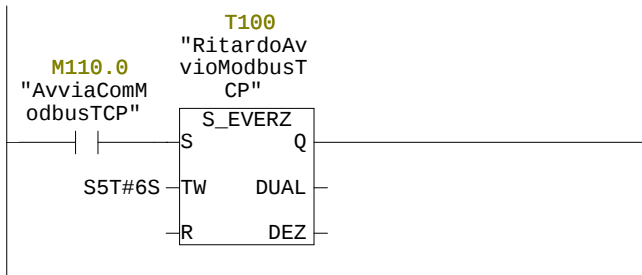
L "Compressor_B_Data".GeneralStatus DB22.DBW40
T "Db_DataForDCS".CompB_GeneralStatus DB200.DBW290 -- COMPRESSOR B GENERAL STATUS

Segmento: 130 COMPRESSOR C - GENERAL STATUS

L "Compressor_C_Data".GeneralStatus DB23.DBW40
T "Db_DataForDCS".CompC_GeneralStatus DB200.DBW292 -- COMPRESSOR C GENERAL STATUS

Segmento: 131

Segmento: 132 FLAG DI RITARDO APERTURA COMUNICAZIONE MODBUS RTU



Segmento: 133 Attiviamo il collegamento

//Gestione collegamento:
//connessione passiva su porta 502;
//vengono accettate connessioni da qualsiasi indirizzo IP

U	"RitardoAvvioModbusTCP"	T100	
S	"FlagForModbusTCP".Tcon_RichiestaConn	DB66.DBX0.0	-- m10
		0.0	
CALL	"TCON" , "ParameterModbusTCP"	FB65 / DB65	-- Con
REQ	:= "FlagForModbusTCP".Tcon_RichiestaConn	nect	
	//M100.0	DB66.DBX0.0	-- m10
	//richiesta connessione	0.0	
ID	:= W#16#1	//ID della connessione	
DONE	:= "FlagForModbusTCP".Tcon_Done	//M100.1	-- m10
		/	
		DB66.DBX0.1	-- m10
		0.1	
		/	
		DB66.DBX0.2	-- m10
		0.2	
		DB66.DBX0.3	-- m10
		0.3	
		DB66.DBW2	-- mw1
		02	
		P#DB1.DBX0.0	
		di tipo UDT65)	
UN	"FlagForModbusTCP".Tcon_Done	DB66.DBX0.1	-- m10
		0.1	
SPB	lab1	DB66.DBX0.0	-- m10
R	"FlagForModbusTCP".Tcon_RichiestaConn	0.0	
		DB66.DBX0.4	-- m10
S	"FlagForModbusTCP".Tcon_ConnessioneOK		
	//memoria connessione avvenuta con successo	0.4	

lab1: NOP 0

UN	"FlagForModbusTCP".Tcon_Error	//in presenza di un errore.	DB66.DBX0.3	-- m10
SPB	lab2	..		
L	"FlagForModbusTCP".Tcon_Status		DB66.DBW2	-- mw1
T	"FlagForModbusTCP".Tcon_CodeError	//...salvo il codice di errore in un registro	DB66.DBW4	-- mw1
			04	
lab2: NOP 0				
UN	"FlagForModbusTCP".Tcon_ConnessioneOK	//se la connessione è stabilita, eseguo le istruzioni successive	DB66.DBX0.4	-- m10
			0.4	
BEB				

Segmento: 134	CREAZIONE DEL BUFFER MODBUS SERVER
---------------	------------------------------------

CALL	"TCP_MB_SERVER" , "DateForModbusTCP"		FB71 / DB71	
ENABLE	:=TRUE	//funzione sempre attiva		
MB_DATA_PTR	:=P#DB200.DBX0.0 BYTE 292	//buffer a cui accede il client modbus tcp		
ID	:=W#16#1	//ID connessione		
NDR	:= "FlagForModbusTCP".TServ_NuoviDatiID	//nuovi dati disponibili	DB66.DBX6.0	-- m2
isp			00.0	
DR	:= "FlagForModbusTCP".TServ_DatiLetti	//dati letti	DB66.DBX6.1	-- m2
			00.1	
uzFB	ERROR := "FlagForModbusTCP".TServ_ErroreEsec	//errore esecuzione FB71	DB66.DBX6.2	-- m2
			00.2	
STATUS	:= "FlagForModbusTCP".TServ_Status	//variabile di stato	DB66.DBW8	-- mw
			202	
UN	"FlagForModbusTCP".TServ_ErroreEsecuzFB	//in caso di errore...	DB66.DBX6.2	-- m2
			00.2	
SPB	lab3			
L	"FlagForModbusTCP".TServ_Status		DB66.DBW8	-- mw
			202	
T	"FlagForModbusTCP".TServ_CodeError	//...memorizzo il codice	DB66.DBW10	-- mw
			204	
lab3: NOP 0				