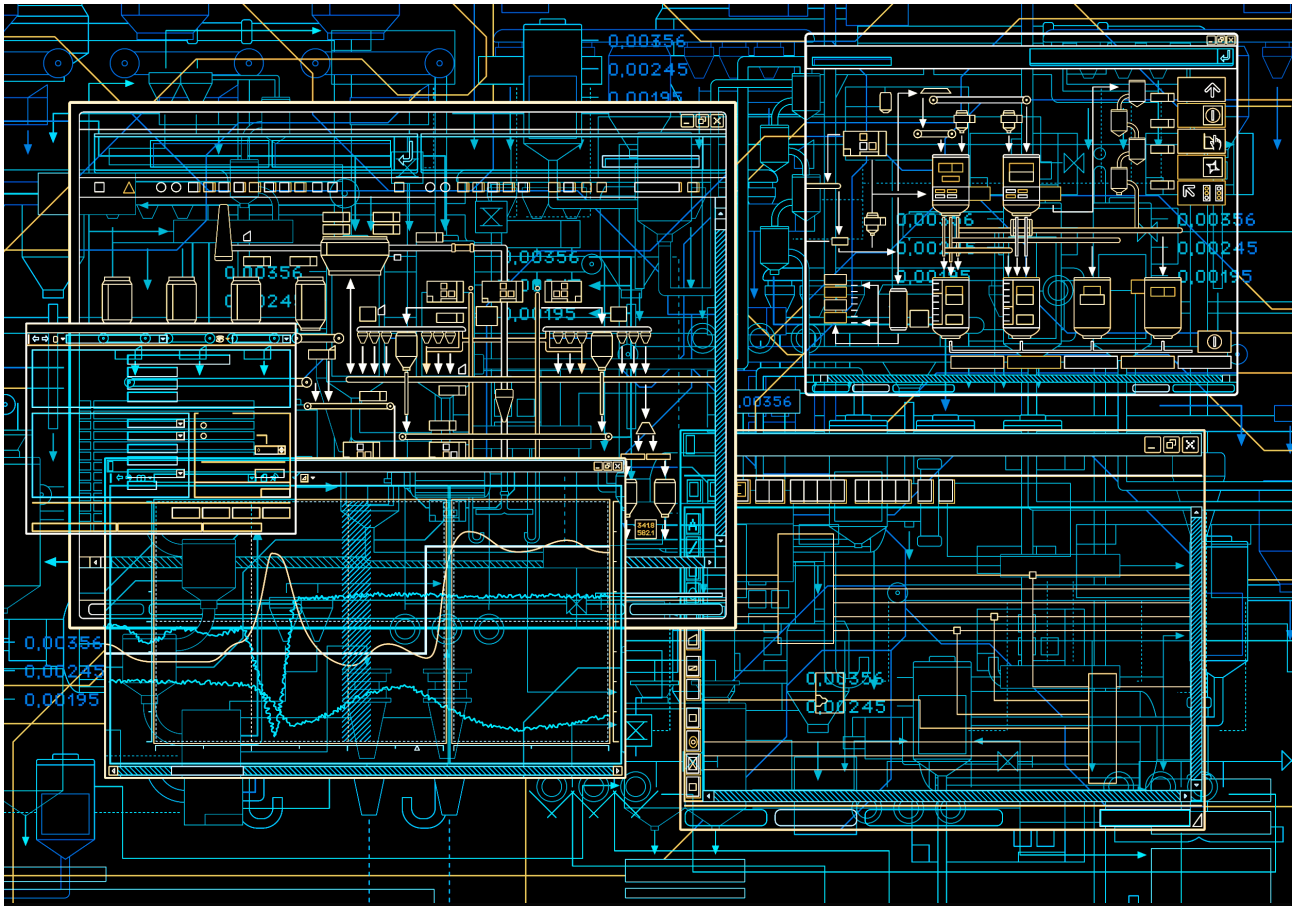


S800 I/O

DTM 5.3

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Section 3 - Run-time Operation

Introduction 35
Data Storage 35
User Interfaces 36
Frame Application 36
System Structure 37
User Roles 38
Buttons 39
Input/Output Boxes 40
Status Bar 41
Applications 42
About DTM 46
Identification 47
Diagnosis 49
Observe 51
CI801 54
CI840 58
AI801/AI810/AI820/AI825 66
AI815/AI845 68
AI830 74
AI835/AI835A 77
AI843 80
AI880 84
AI890 85
AI893 87
AI895 91
AO801/AO810/AO820 104
AO815/AO845 106
AO890 111
AO895 113
DI801/DI802/DI803/DI810/DI811/DI814/DI818*/DI820/DI821/ DI828*/DI890 126
DI825 130

DI830/DI831 133
DI840 136
DI885 140
DO801/DO802/DO810/DO814/DO815/DO818*/DO820/DO821/DO828* 143
DO840 147
DO890 151
DP820 154
DP840 157
ABB Standard Drive 161

Appendix A - Operating with HART DTMs

Introduction 163
Connecting a HART instrument 163
Supervision of HART instrument 164

Appendix B - Dynamic Data

CI801 Dynamic values 165
CI840 Dynamic values 166
AI801/AI810/AI815/AI830/AI835/AI845/AI890/AI893/AI895 Dynamic values 167
AI820/AI825 Dynamic values 168
AI835A Dynamic Values 168
AI843 Dynamic values 169
AO801/AO810/AO815/AO845/AO890/AO895 Dynamic values 170
AO820 Dynamic values 171
DI801/DI810/DI811/DI814/DI828*/DI840 Dynamic values 172
DI818 Dynamic values 173
DI802/DI803/DI820/DI821/DI890 Dynamic values 175
DI825 Dynamic Values 176
DI830/DI831 Dynamic Values 177
DI885 Dynamic Values 178
DO801/DO810/DO814/DO828*/DO840 Dynamic values 179
DO818 Dynamic values 180

Table 1. S800 I/O Units (Continued)

Units	Description
AI895	Analog Input, 1*8 channels, 4..20 mA, I.S. and HART Interface
AO801	Analog Output 1*8 channels, 0...20 mA, 4...20 mA
AO810	Analog Output, 1*8 channels, 0..20 mA, 4..20 mA
AO815	Analog Output, 1*8 channels, 4..20 mA, HART Interface, Extended Diagnosis
AO820	Analog Output, 4*1 channels, -20..20 mA, 0..20 mA, 4..20 mA, -10..10 V, 0..10 V, 2..10 V, individually isolated
AO845	Analog Output, 1*8 channels, 4..20 mA, HART Interface, Extended Diagnosis, Redundant Applications
AO890	Analog Output, 1*8 channels, 0..20 mA, 4..20 mA, I.S Interface
AO895	Analog Output, 1*8 channels, 4..20 mA, I.S. and HART Interface
DI801	Digital Input 24 V d.c., 1*16 channels(1)
DI802	Digital Input 120 V a.c., 110 V d.c., 8*1 channels
DI803	Digital Input 230 V a.c., 220 V d.c., 8*1 channels
DI810	Digital Input 24 V d.c., 2*8 channels(2), current sinking
DI811	Digital Input 48 V d.c, 2*8 channels current sinking

Module	About DTM	Identifi-cation	Diagnosis	Observe	Configuration	Parameter-ization	Service
AI835A	X	X	X	X	X		
AI843	X	X	X	X	X		X
AI845	X	X	X	X	X		X
AI880	X	X					
AI890	X	X	X	X	X		
AI893	X	X	X	X	X		
AI895	X	X	X	X	X	X(1)	X
AO801	X	X	X	X	X		
AO810	X	X	X	X	X		
AO815	X	X	X	X	X		
AO820	X	X	X	X	X		
AO845	X	X	X	X	X		X
AO890	X	X	X	X	X		
AO895	X	X	X	X	X	X(1)	X
DI801	X	X	X	X	X		
DI802	X	X	X	X	X		
DI803	X	X	X	X	X		
DI810	X	X	X	X	X		
DI811	X	X	X	X	X		
DI814	X	X	X	X	X		
DI818	X	X	X	X	X		
DI820	X	X	X	X	X		
DI821	X	X	X	X	X		

DI801/DI802/DI803/DI810/DI811/DI814/DI818*/DI820/DI821/ DI828*/DI890

About DTM

See About DTM on page 46.

Identification

See Identification on page 47.

Dynamic Data

See DI801/DI810/DI811/DI814/DI828*/DI840 Dynamic values on page 172, DI818 Dynamic values on page 173 and DI802/DI803/DI820/DI821/DI890 Dynamic values on page 175.

Diagnosis

See Diagnosis on page 49.

Observe

See Observe on page 51.

Configuration



This control is not available if the unit is used towards AC 800M. The configuration data is then set via Control Builder Professional.

Configuration consists of two tabs. The Module parameters tab shows the user parameters for the module and the Channel parameters tab shows parameters for separate channels.

* Feature Pack Functionality

Module parameters tab

The control looks the same for all modules but for the number of channels.

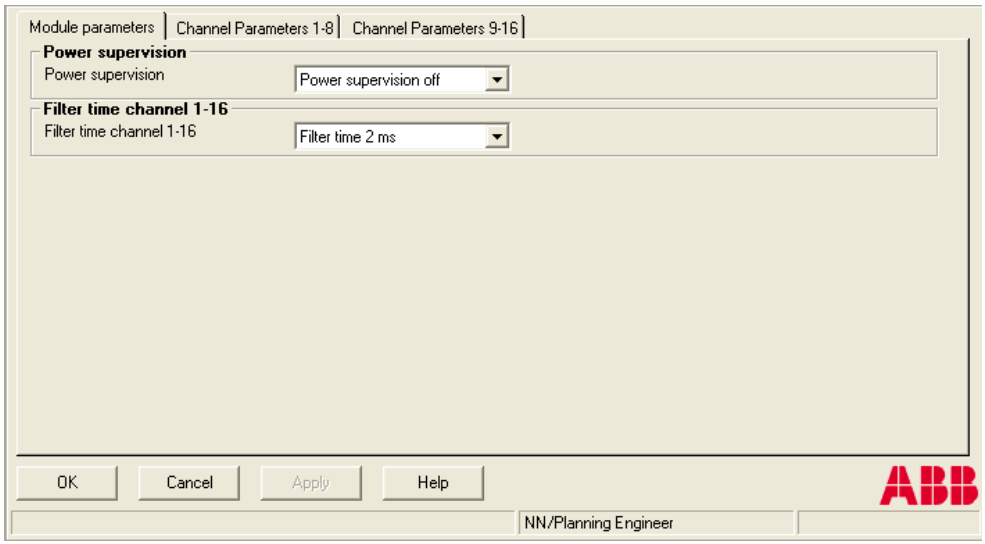


Figure 58. DI801/DI802/DI803/DI810/DI811/DI814/DI818/DI820/DI821/DI828*/DI890 - Configuration - Module Parameters Tab*

* Feature Pack Functionality

Power supervision area

Make the required choice in the **Power supervision** drop-down menu.

Filter time channel area

Make the required choice in the **Filter time channel** drop-down menu.

Channel parameters tab

The control looks the same for all modules but for the number of channels.

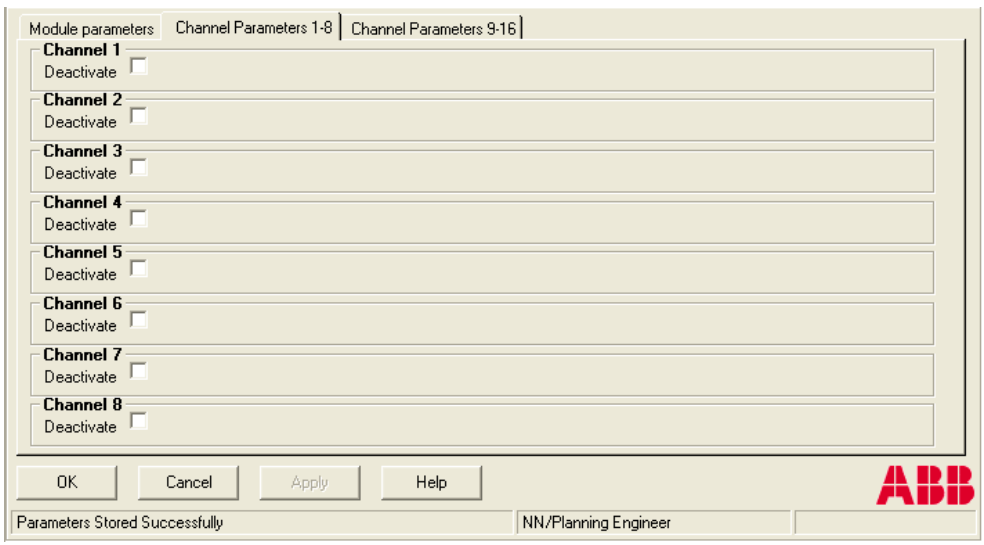


Figure 59. DI801/DI802/DI03/DI810/DI811/DI814/DI818/DI820/DI821/DI828* - Configuration - Channel Parameters Tab*

* Feature Pack Functionality