

TECHNICAL DOCUMENTATION

Example 10.9

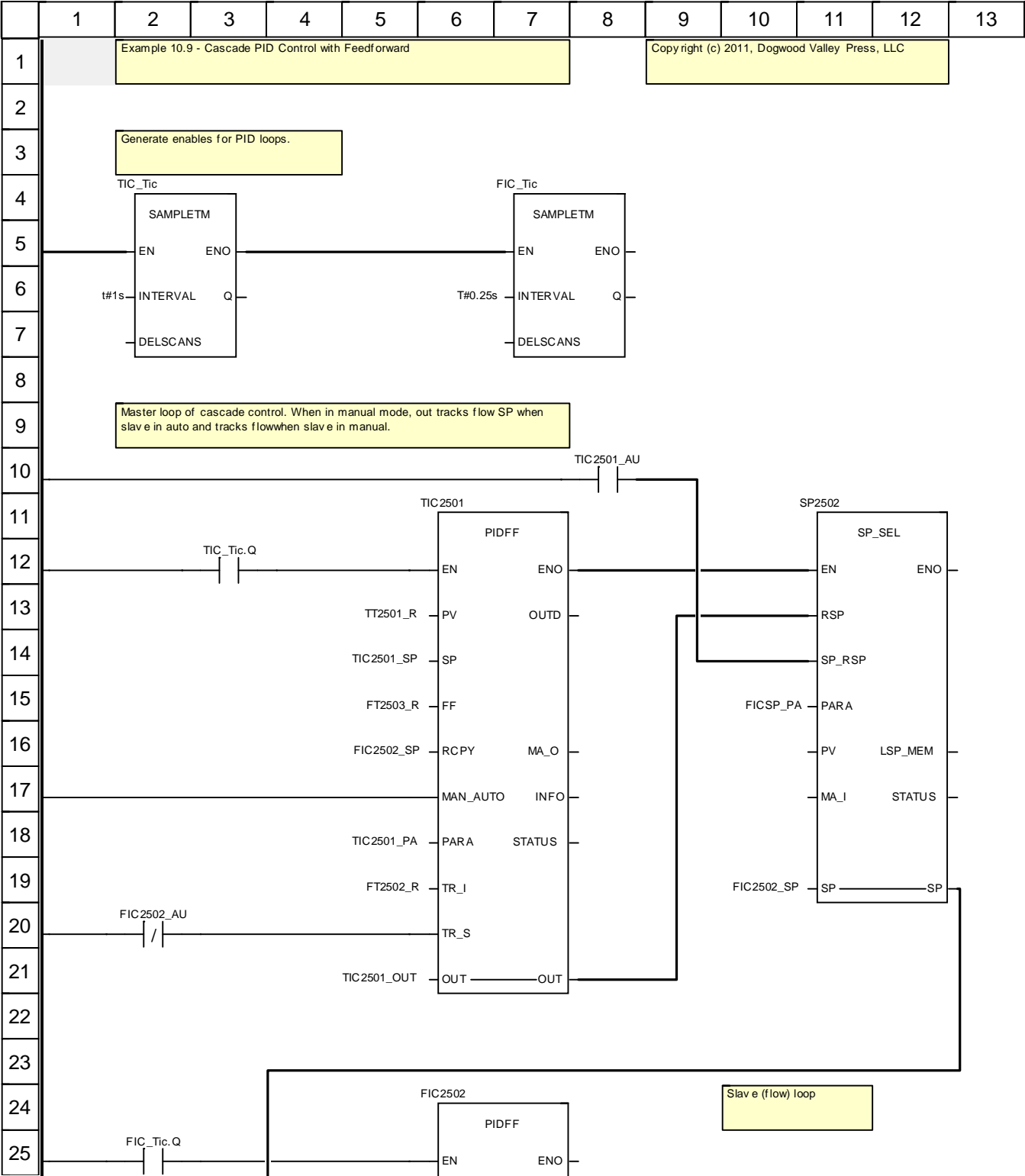
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|------------------------|-------------------------------------|
| Project | Example 10.9 |
| Designer | |
| Application | example_10_9.stu |
| Software Version | ControlExpert V15.0-SP1 |
| Creation Date | 11/12/2022 8:44:06 AM |
| Last Modification Date | 6/16/2023 8:28:15 AM |
| Target PLC | BMX P34 1000 02.00CPU 340-10 Modbus |

MAST

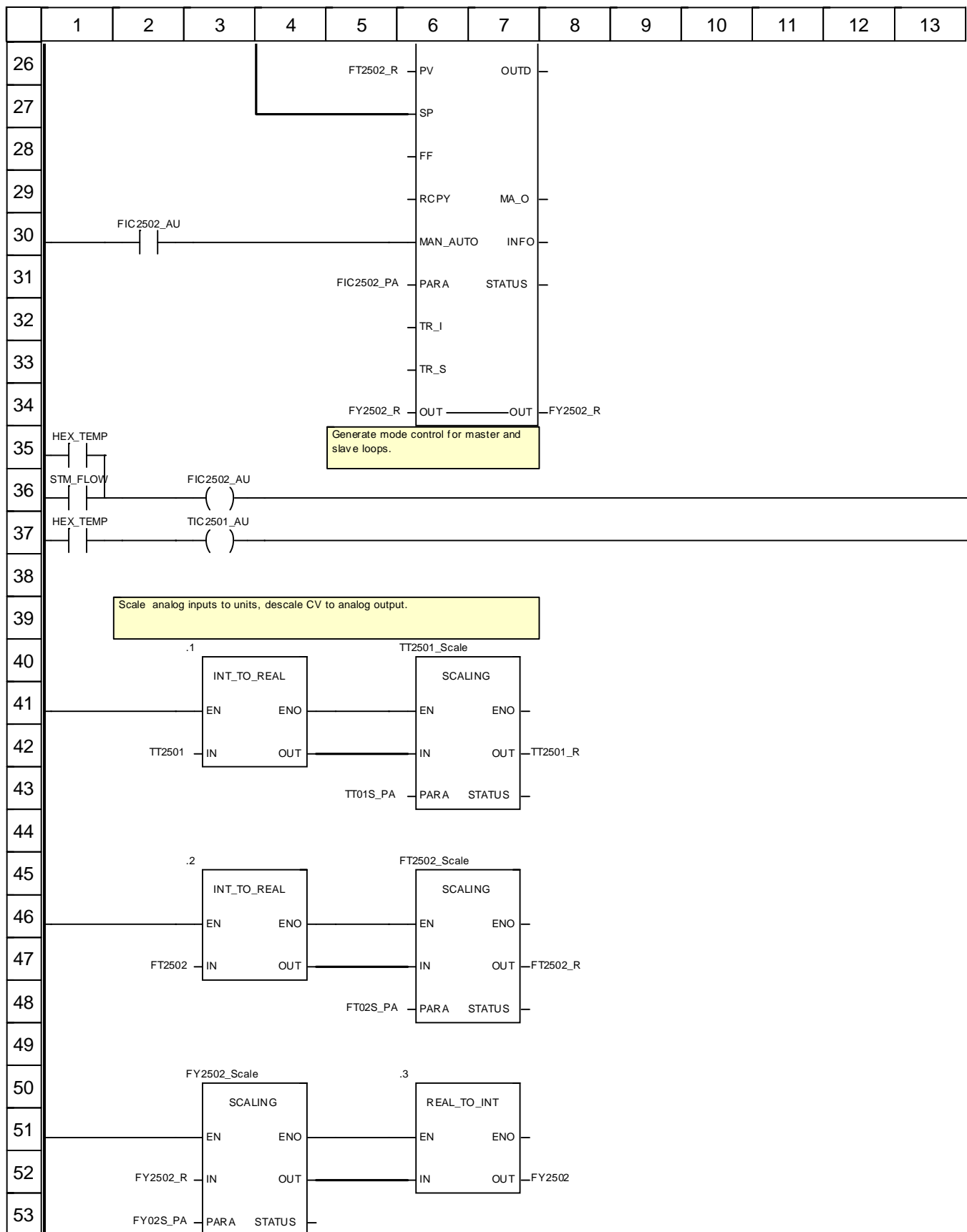
Specific properties

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| Configuration | Cyclic |
| Task period configuration | 0 |
| Watchdog time configuration | 250 |

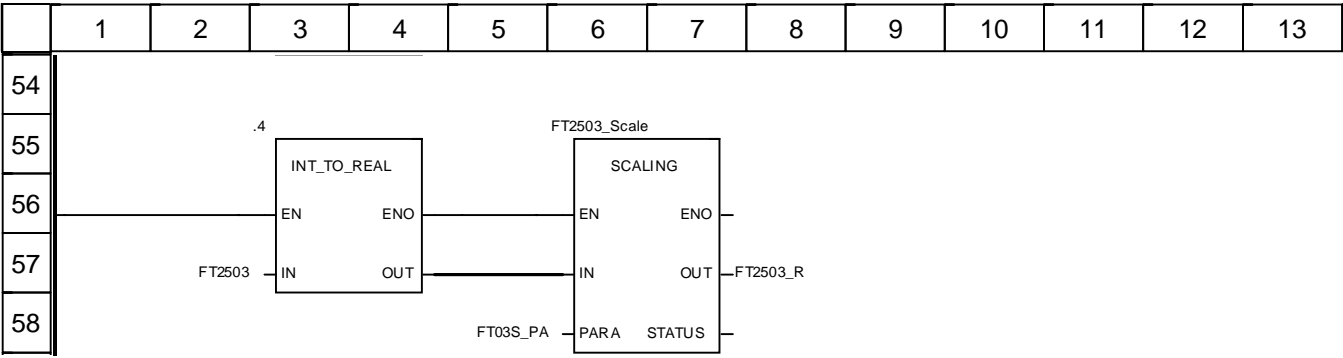
main : [MAST]



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FAST

Specific properties

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| Configuration | Periodic |
| Task period configuration | 5 |
| Watchdog time configuration | 100 |

Cross References

Application:

Addresses

| Object | Referred into | Location | Usage |
|--------|---------------|----------|-------|
|--------|---------------|----------|-------|

Variables or FB instances

| Object | Referred into | Location | Usage |
|--------------|---------------|---------------|-------|
| FIC2502 | main : [MAST] | (l 24, c: 6) | FC |
| FIC2502_AU | main : [MAST] | (l 20, c: 2) | R |
| | | (l 30, c: 2) | R |
| | | (l 36, c: 3) | W |
| FIC2502_PA | main : [MAST] | (l 24, c: 6) | R |
| FIC2502_SP | main : [MAST] | (l 11, c: 6) | R |
| | | (l 11, c: 11) | R/W |
| FIC_Tic | main : [MAST] | (l 25, c: 2) | R |
| | | (l 4, c: 7) | FC |
| FICSP_PA | main : [MAST] | (l 11, c: 11) | R |
| FT02S_PA | main : [MAST] | (l 45, c: 6) | R |
| FT03S_PA | main : [MAST] | (l 55, c: 6) | R |
| FT2502 | main : [MAST] | (l 45, c: 3) | R |
| FT2502_R | main : [MAST] | (l 11, c: 6) | R |
| | | (l 24, c: 6) | R |
| | | (l 45, c: 6) | W |
| FT2502_Scale | main : [MAST] | (l 45, c: 6) | FC |
| FT2503 | main : [MAST] | (l 55, c: 3) | R |
| FT2503_R | main : [MAST] | (l 11, c: 6) | R |
| | | (l 55, c: 6) | W |
| FT2503_Scale | main : [MAST] | (l 55, c: 6) | FC |
| FY02S_PA | main : [MAST] | (l 50, c: 3) | R |
| FY2502 | main : [MAST] | (l 50, c: 6) | W |
| FY2502_R | main : [MAST] | (l 24, c: 6) | R/W |
| | | (l 24, c: 6) | R/W |
| | | (l 50, c: 3) | R |
| FY2502_Scale | main : [MAST] | (l 50, c: 3) | FC |
| HEX_TEMP | main : [MAST] | (l 35, c: 1) | R |
| | | (l 37, c: 1) | R |
| SP2502 | main : [MAST] | (l 11, c: 11) | FC |
| STM_FLOW | main : [MAST] | (l 36, c: 1) | R |
| TIC2501 | main : [MAST] | (l 11, c: 6) | FC |
| TIC2501_AU | main : [MAST] | (l 10, c: 8) | R |
| | | (l 37, c: 3) | W |
| TIC2501_Out | main : [MAST] | (l 11, c: 6) | R/W |
| TIC2501_PA | main : [MAST] | (l 11, c: 6) | R |
| TIC2501_SP | main : [MAST] | (l 11, c: 6) | R |
| TIC_Tic | main : [MAST] | (l 12, c: 3) | R |
| | | (l 4, c: 2) | FC |
| TT01S_PA | main : [MAST] | (l 40, c: 6) | R |
| TT2501 | main : [MAST] | (l 40, c: 3) | R |
| TT2501_R | main : [MAST] | (l 11, c: 6) | R |
| | | (l 40, c: 6) | W |
| TT2501_Scale | main : [MAST] | (l 40, c: 6) | FC |

EF objects

| | | | |
|---|-----------------------|---------------------|----------------------|
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| | Dept.: | | |
| | Project: Example 10.9 | | Page: 10/12 |

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Cross References

| Object | Referred into | Location | Usage |
|-------------|---------------|---------------|-------|
| int_to_real | main : [MAST] | (l: 40, c: 3) | FC |
| | | (l: 55, c: 3) | FC |
| | | (l: 45, c: 3) | FC |
| real_to_int | main : [MAST] | (l: 50, c: 6) | FC |

Cross References

New_DFB:

Variables or FB instances

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| Object | Referred into | Location | Usage |
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