Information

UMC100-FBP SIMATIC S7-400 / PCS 7 Field Device Library

For the usage of a UMC100-FBP on a Simatic S7-400 Siemens has created the function block library "ABB UMC 100 - PCS 7 Field Device Library"

The library supports the following functionality:

- Installation of ABB UMC 100 in a non-redundant S7-400 CPU,
- Installation of ABB UMC 100 behind a Y-Link device (DPV0 Mode),
- Blocks and Faceplates in APL Design

The use of the ABB UMC 100 driver library requires a license. The license is required for use of the driver blocks in one plant

> ABB UMC 100 PCS 7 Field Device Library

Documentation

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Example for a UMC100 face plate from the Siemens library.

7.4 Limit U (Volta	ige)		
✓ crc(3)/unit Reversible Ido	Value L1 L2 Process value 1 Value L2 L3 Process value 1	x1 2 2 3 3 3 10 44.00 V +	- MEAS.JU.11.28Value
	Value U AVERAGE	17.00) V +	MEAS.UL3L1#Value MEAS.UAVERAGE#Value
	Additional value	limits	
MEAS.UV_OpScale#High 1	20.00 H alarm	116,00 %	- MEAS.U_AH#Value
	H warning	116.00 % 🔸	- MEAS.U_WH#Value
	L warning	70,00 % 🗕	- MEAS.U_WL#Value
	L alarm	70,00 % +	MEAS.U_AL#Value
	PV Scaled	33.75 %	MEAS.U_SC#Value
MEAS.UV_OpScale#Low	0,00	Read Data 🔸	- MEAS.RD_DATA

Example function block from the Siemens library.

Support:

For more information please contact the function block team KARLSRUHE



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