

Modicon M580 Processor Modules (CPU)

Introducing a new Product Version (PV)



PV < 25



PV ≥ 25

Modicon M580 CPU Hardware in Gray – WHY?

Getting ready for End-to-end cybersecurity and IEC 62443-4-2 SL2 certification



**IEC 62443-4-2 SL2
Certification Ready**

- New Product Version
PV≥25
- New Gray color

- Regardless of firmware installed on M580 (SV version), if the hardware is gray in color with a PV≥25, you are ready to support End-to-end cybersecurity

What's new with Modicon M580 CPU Hardware?

- All **standard** commercial references (BMEP58xxxx and BMEH58xxxx) moving from white to Gray. **No part number change.**
- **Safety CPUs** remaining red
- All Product Versions (PV) will be increased to PV=25
- No functional change as long as it's combined with SV ≤ 3.22
- **New Secure Boot** for firmware integrity check, **encrypted and digitally signed (Genuine)** → supported with future firmware (SV) > 3.22
- **Trusted Platform Module (TPM)** component – **secured cryptographic keys storage** → (will be used in a future release in 2023)
- **Same secure SD card** front door for **ALL M580 CPUs**
- Ready for future evolutions (rotary switch for future standard/advanced Cybersecurity modes) (Same as on OPC UA module BMENUA0100)
- **Ready for End-to-End Cybersecurity (+ IEC62443-4-2 SL2 Certification)**



TPM



Rotary switch

Life Is On

Schneider
Electric