

3.3.14 Accessories

3.0.14.1 Battery modules and holder

Name	Short Description	Article No.
SY 809F	Battery Holder Without battery SB 808F.	3BDH000042R1
SB 808F	Battery for RAM buffering, 2 pcs.	3BDM000199R1

AC 800F battery module

Name	Short Description	Article No.
AM 811F	Battery Module To use together with PM 803F Battery not included SB 808. Freelance V7.1SP2a or higher is mandatory.	3BDH000050R1



The battery module can be used in non-redundant controllers with only one Ethernet module to increase the buffering time.

Features:

- Provides battery backup
- Enables redundant battery energy backup on the AC 800F
- G3 compliant Z variant available

Technical data

Technical data AM 811F	
Rated voltage	3.3 V / 5 V $\pm 3\%$, from CPU board
Power consumption	Approx. 0.28 W
Battery	3.6 V lithium battery, 950 mAh (included in delivery)
Low battery signaling	≤ 3.2 V
RAM and real-time-clock buffering time	PM 803F:
New battery inserted	≥ 10 days
After "Low" warning	≥ 5 hours
Weight	Approx. 0.150 kg, 0.33 lbs without buffer battery Approx. 0.170 kg, 0.375 lbs with buffer battery

LED displays	Status	Description
Status	Off	No supply voltage, module is isolated
	Green	Power supply on, module identified and ready to operate as configured
	Orange	Power supply on, module identified and either: Normal transitory state after module startup Configuration mode of Boot Loader
	Red	Module power supply on and either: Module not yet identified (normal for short time during module startup) Error occurred during module test
Battery (PM 803F)	Off	AC 800F is active, AM 811F not active => buffering from power supply module AC 800F is off (no watchdog of the batteries voltage): => buffering from Battery.
	Orange	During battery recovery or start-up phase
	Red	Warning: battery low, no battery inserted, insufficient electrical contact etc.
	Green	Battery inserted and data protection provided..

3.0.14.2 Front panel

Name	Short Description	Article No.
AM 895F	Front Panel, 4 pcs Covering unused slots of AC 800F.	3BDH000044R1

3.0.14.3 Auxiliary power supply

Name	Short Description	Article No.
TK 807F	Supply Cable 115 / 230 VAC, ferrules, 2 m For SA 811F.	3BDM000210R1
TK 808F	Supply Cable 115 / 230 VAC, Euro plug, 2 m For SA 811F.	3BDM000211R1
TK 809F	Supply Cable 115 / 230 VAC, US plug, 2 m For SA 811F.	3BDM000212R1
TK 802F	Supply Cable 24 VDC, ferrules, 2 m For SD 812F.	3BDM000213R1
DPW 02	Power Supply, 24 VDC - 24 VDC, 5 A 74 x 30 x 120 (W, H, D)	8018277M
DPW 03	Power Supply, 115 / 230 VAC - 24 VDC, 5 A 65 x 125 x 103 (W, H, D)	8018544M
DSU 45	Mains Cable for 230 VAC, Euro plug, 1.5 m	0339140M
DSU 45	Mains Cable for 230 VAC, Euro plug, 5 m	0339141M