

Analog Metering Compartments

Meter Type	Description		Line Voltage (Volts)	Space Factor	Catalog Number ^[1] Wiring Type A Only—Class I		Delivery Program
					NEMA Type 1 and Type 1 w/ gasket	NEMA Type 12	
Analog Ammeter	One (1) current transformer and panel type ammeter.	Current transformers shipped loose with hardware and mounting instructions. Metering mounted in door, no disconnect means, no unit insert.	600 Max.	0.5	2190-AKC-__-85AAXX	2190-AJC-__-85AAXX	
				1.0	2190-BKC-__-85AAXX	2190-BJC-__-85AAXX	
Analog Ammeter with Ammeter Switch	Two (2) current transformers, panel type ammeter, and ammeter switch. Use on 3-phase, 3-wire systems only.			0.5	2190-AKC-__-85BBXX	2190-AJC-__-85BBXX	
				1.0	2190-BKC-__-85BBXX	2190-BJC-__-85BBXX	
	Three (3) current transformers, panel type ammeter, and ammeter switch. Use on 3-phase, 3-wire systems only.			0.5	2190-AKC-__-85BCXX	2190-AJC-__-85BCXX	
				1.0	2190-BKC-__-85BCXX	2190-BJC-__-85BCXX	
Analog Ammeter and Voltmeter with Switches	Two (2) current transformers, panel type ammeter with ammeter switch, two (2) fused potential transformers, and panel type Voltmeter with Voltmeter switch. Use on 3-phase, 3-wire systems only.	Plug-in metering units with disconnect and fuses. Current transformers shipped loose with hardware and mounting instructions.	208 220/230 240 380 400 415 480 600	1.0	2190-BKH-__-85EBBH	2190-BJH-__-85EBBH	SC
					2190-BKP-__-85EBBP	2190-BJP-__-85EBBP	
					2190-BKA-__-85EBBA	2190-BJA-__-85EBBA	
					2190-BKN-__-85EBBN	2190-BJN-__-85EBBN	
					2190-BKKN-__-85EBBKN	2190-BJKN-__-85EBBKN	
					2190-BKI-__-85EBBI	2190-BJI-__-85EBBI	
					2190-BKB-__-85EBBB	2190-BJB-__-85EBBB	
					2190-BKC-__-85EBBC	2190-BJC-__-85EBBC	
					Three (3) current transformers, panel type ammeter with ammeter switch, two (2) fused potential transformers, and panel type Voltmeter with Voltmeter switch. Use on 3-phase, 3-wire systems only.	1.0	
	2190-BKP-__-85ECBP			2190-BJP-__-85ECBP			
	2190-BKA-__-85ECBA			2190-BJA-__-85ECBA			
	2190-BKN-__-85ECBN			2190-BJN-__-85ECBN			
	2190-BKKN-__-85ECBKN			2190-BJKN-__-85ECBKN			
	2190-BKI-__-85ECBI			2190-BJI-__-85ECBI			
	2190-BKB-__-85ECBB			2190-BJB-__-85ECBB			
	2190-BKC-__-85ECBC			2190-BJC-__-85ECBC			

[1] The catalog numbers listed are not complete. Select the appropriate catalog string number from table on page 58 to identify the ammeter scale and current transformer primary ratio (e.g., 2190-AKC-52M-85AAXX).

Metering Units

Bulletin 2190

Metering Compartments (METER), continued

Digital Metering Compartments

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Meter Type	Description	Space Factor	Catalog Number ^[1] Wiring Type A Only—Class I		Delivery Program
			NEMA Type 1 and Type 1 w/ gasket	NEMA Type 12	
Cutler-Hammer/ Westinghouse IQ DP4130	Plug-in metering unit with disconnect. For three phase, three wire or four phase, four wire systems. Three (3) current transformers are shipped loose with hardware and mounting instructions. Fused potential transformers are self-contained in the meter's power module. 600 volts max.	1.0	2190-BKC-__-86KCXC	2190-BJC-__-86KCXC	PE
Bulletin 1403-MM Powermonitor II with Remote I/O Communications	Plug-in unit with disconnect, fuses, and control circuit transformer. For three phase, three wire systems, three (3) current transformers are shipped loose with hardware and mounting instructions. For 3-phase, 4-wire systems, four (4) current transformers are shipped loose with hardware and mounting instructions.	1.0	2190-BK__-__-86P_X_	2190-BJ__-__-86P_X_	
Bulletin 1403-MM Powermonitor II with DeviceNet Communications		1.0	2190-BK__-__-86R_X_	2190-BJ__-__-86R_X_	
Bulletin 1404-M5 Powermonitor 3000 with RS-485 Communications	Fused potential transformers are self-contained in the meter's power module.	1.0	2190-BK__-__-86U_X_	2190-BJ__-__-86U_X_	SC
Bulletin 1404-M6 Powermonitor 3000 with RS-485 Communication		1.0	2190-BK__-__-86T_X_	2190-BJ__-__-86T_X_	
Bulletin 1404-M610 Digital Volt/Ammeter	For use on three phase, three wire systems only. Plug-in metering unit with disconnect and fuses. Current transformers shipped loose with hardware and mounting instructions. Potential transformers are internal to the device.	0.5	2190-AK__-__-86VCX_	2190-AJ__-__-86VCX_	

[1] The catalog numbers listed are not complete:

- Select the appropriate voltage code from Line Voltage table to identify the line voltage code. The voltage code must be in two places in the catalog string (e.g., 2190-BKB-54M-86RCXB).
- Select the appropriate catalog string number from Ammeter Scales table to identify the current transformer primary ratio (e.g., 2190-BKB-54M-86RCXB).
- Select the appropriate letter from System Wiring table to identify the system wiring (e.g., 2190-BKB-54M-86RCXB).
- For Powermonitor 3000 units, select the appropriate letter from Powermonitor 3000 Communication Options table to identify the communication platform (e.g., 2190-BKB-54M-86UCCXB).

Line Voltage

Line Voltage	Voltage Code
208	H
220/230	P
240	A
380	N
400	KN
415	I
480	B
600	C

Ammeter Scales

Ammeter Scale	Catalog String
300A	48M
400A	50M
600A	52M
800A	54M
1200A	56M
1600A	58M
2000A	60M

System Wiring

System Wiring	Letter Code
3-phase, 3-wire	C
3-phase, 4-wire	D

Powermonitor 3000 Communication Options

Platform	Letter Code
RS-485	A
RS-232 ^[1]	B
DeviceNet ^[1]	C
Remote I/O ^[1]	D
Ethernet ^[1]	E

[1] These communication platforms are in addition to the native RS-485.