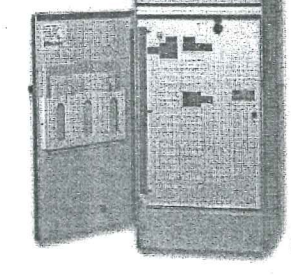


MILBANK Commercial Pedestals

CP3B "SL" Series
Switched Load Center Series
1/2 3 wire 120/240 or 208Y/120 volt
Typical applications: Traffic signal, parking lot, highway, & athletic field lighting

Milbank commercial pedestals provide a low-cost, effective alternative to the post-and-struct method of providing site power. No longer with a separate meter section, main disconnect, load center and all the nipples, conduit, wire and labor to connect them are required. These units have a single cabinet with all the required utility terminations, meter sockets with test/bypass provisions, main breakers and customer sections. They are factory wired and UL listed as Industrial Control Equipment (File E113855).

Most commercial pedestals are "custom designed" to provide power for various loads. "SL" Series Commercial Pedestals are designed to not only provide power for various loads, but also to switch specific loads on and off under certain conditions. A photoelectric cell is used for these controlled loads, and an optional time clock is also available. The new Milbank Switched Load Center Commercial Pedestal is designed to handle the vast majority of all requirements in a standard, stock configuration. There is no waiting or extra charge, as is often the case with a custom-designed pedestal.



- Features:**
- These units include everything required for remote site service:
 - NEMA 3R construction
 - Expandable - Load centers allow for future expansion without costly modifications
 - All units feature 200 amp meter socket with optional field-installable fifth terminal kit available
 - 22K ampere interrupting capacity (KAIC) standard
 - Optional mounting base can be embedded in concrete for fast, easy installation
 - Separate sealable and lockable utility termination section
 - Separate sealable and lockable metering section with the option of:
 - Either:
 - Milbank ring-type socket with test/bypass blocks (conforms to EUSERC 306)
 - Milbank heavy duty ringless socket with lever bypass
 - A separate sealable and lockable customer section with:
 - Control circuit including:
 - FE receptacle, Lesar window and glare shield
 - Hand-Off-Auto (HOA) switch
 - Contactor controlling a 16-circuit load center for controlled loads
 - A circuit directory to document configuration
 - A load center for "always on" loads that includes:
 - Main circuit breaker
 - Control power circuit breaker
 - Switched load center main breaker
 - Nine (200 amp model) or twelve (100 amp model) blank breaker spaces
 - A circuit directory to document configuration

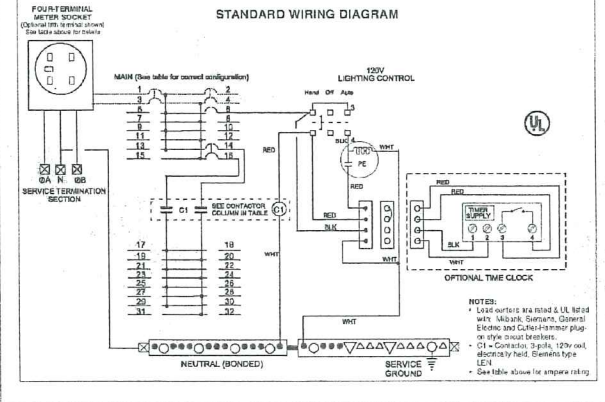
CP3B "SL" Series Stocking Information & Wiring Diagram

AVAILABLE FOR IMMEDIATE DELIVERY:

CATALOG NUMBER	OPTIONAL FIFTH TERMINAL KIT	MAIN CB AMPS	MAIN CB SPACES	CONTACTOR AMPERAGE	METER SOCKET TYPE
CP3B1110A22SL1	105J	100	(1,3)	60	Ring-type meter socket with test/bypass blocks
CP3B12110A22SL1	105J	200	(1,2,3,4)	100	Ring-type meter socket with test/bypass blocks
CP3B5110A22SL1	K3865	100	(1,3)	60	Ringless heavy duty meter socket with lever bypass
CP3B5210A22SL1	K3865	200	(1,2,3,4)	100	Ringless heavy duty meter socket with lever bypass

Accessories

Accessories	Description
CP-TC7D	7-day time clock kit
CP-TC24H	24-hour time clock kit
CP-TCVWIRE	Mate four-pin connector and wiring harness for use with time clocks other than above
105J	Fifth terminal kit for use with ring-type meter sockets
K3865	Fifth terminal kit for use with ringless meter sockets
CP-16PDMNT-CALT	Pedestal mounting base (includes mounting hardware)
CP-ABK5B	Anchor bolt kit (includes four 5/8" x 11 x 18" anchor bolts)



MILBANK CP3B "SL" Series Specifications

Commercial Pedestal:

The service pedestal shall be provided with the following equipment:

- A 200 amp Meter Socket Type that can be equipped with optional field-installable fifth terminal kit.
- A Main CB amp main circuit breaker that plugs onto a 16-circuit unswitched load center. This breaker shall be identified by an engraved plaque.
- The service pedestal shall be rated for operation at 80°C ambient interrupting capacity; the provided documentation shall list circuit breaker combinations to be used for 4-wire operation.
- A 16-circuit load center with all copper bus for loads not to be switched by a photoelectric cell or time-switched load center. This load center shall be rated and labeled to accept Milbank, Siemens, Cutler Hammer and General Electric plug-on circuit breakers.
- A 15 amp plug-on circuit breaker installed on the unswitched load center to provide power and protection for control circuits. This breaker shall be identified by an engraved plaque.
- A pre-wired built lock photoelectric cell receptacle.
- A polycarbonate photoelectric window and a glare shield.
- Wiring and connector provisions to add an optional 24-hour or 7-day time clock circuit. Incorporation of the time clock circuit shall be accomplished through a pre-wired connector assembly and shall not require any cutting or stripping of wires or the use of any tools.
- A rotary switch, labeled "Hand-Off-Auto," located inside the exterior door and accessible at the customer section. This switch shall energize all controlled loads in the "Hand" position, and permit operation of all controlled loads in the "Off" position, and permit operation of all controlled loads by the photoelectric cell (and time clock, if used) in the "Auto" position.
- A Contactor, amp plug-on circuit breaker installed on the unswitched load center to provide power and protection for contactor-controlled circuits. This breaker shall be identified by an engraved plaque.
- A Contactor, amp 3-pole electrically held lighting contactor with 120 volt AC coil (Siemens type LFN) to control power to switched bank.
- A 16-circuit load center with all copper bus for loads to be switched by a photoelectric cell (switched load center). This load center shall be rated and labeled to accept Milbank, Siemens, Cutler Hammer and General Electric plug-on circuit breakers.

The service pedestal shall be provided with the following equipment:

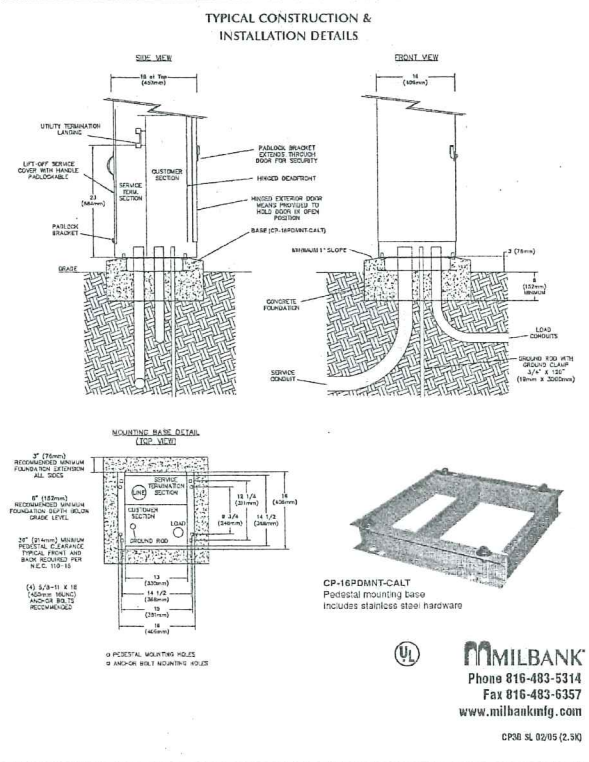
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- A 16-circuit load center with all copper bus for loads to be switched by a photoelectric cell (switched load center). This load center shall be rated and labeled to accept Milbank, Siemens, Cutler Hammer and General Electric plug-on circuit breakers.

All distribution and control equipment shall be factory wired using 600 volt wire rated by NEC and UL requirements.

The service pedestal shall be rated 120/240 volt 1Ø/3 Wire or 208Y/120 volt 1Ø/3 Wire.

Utility requirements for this equipment vary. Always consult the serving utility for their requirements before ordering or installing this equipment.

CP3B "SL" Series Installation



Explanation of Underground Service Pedestal Model Numbers:

- Model Number: CP3B 41112A22BKCP-1TC7D
- 1. Meter Sockets**
 - 0 = No socket
 - 1 = 1 Ring type socket with test bypass provision
 - 2 = 2 Ring type sockets with test bypass provision
 - 3 = 1 Ring type socket with 1/2 inch test bypass provision
 - 4 = 1 Ring type socket with 1/2 inch test bypass provision
 - 5 = 1 Ringless socket with lever test bypass provision
 - 6 = 1 Ringless socket with lever test bypass provision
 - 7 = 1 Ringless socket with lever test bypass provision
 - 8 = 1 Ringless socket with lever test bypass provision
 - 9 = 1 Ringless socket with lever test bypass provision
 - 2. Amperage**
 - 0 = No rating
 - 1 = 100amps
 - 2 = 200amps
 - 3 = 125amps
 - 4 = 400amps (Non EUSERC)
 - 3. System Voltage**
 - 0 = 120V, 1Ø, 3W (4 Jaws)
 - 1 = 120/240V, 1Ø, 3W (4 Jaws)
 - 2 = 208Y/120V, 1Ø, 3W (4 Jaws + 1Ø/ØL)
 - 3 = 240/480V, 1Ø, 3W (4 Jaws)
 - 4 = 480Y/277V, 1Ø, 3W (4 Jaws + 1Ø/ØL)
 - 5 = 208Y/120V, 3Ø, 4W (7 Jaws)
 - 6 = 240/480V, 3Ø, 4W (7 Jaws)
 - 7 = 240/480V, 3Ø, 4W (7 Jaws)
 - 8 = 480Y/277V, 3Ø, 4W (7 Jaws)
 - 9 = 480Y/277V, 3Ø, 4W (7 Jaws)
 - A = No rating
 - B = 480Y/277V, 3Ø, 4W (7 Jaws)
 - C = 120/240V, 1Ø, 3W (4 Jaws)
 - D = 240/480V, 1Ø, 3W (4 Jaws)
 - E = 480V, 1Ø, 3W (4 Jaws)
 - 4. Service/Main Disconnect**
 - 0 = No Main (max 6 disconnect per unit)
 - 1 (1) Circuit Breaker Main
 - 2 (2) Circuit Breaker Service Disconnects
 - 3 (1) 7-Function Breaker Main
 - 4 (1) Circuit Breaker Service Disconnects
 - 5 =
 - (1) 4-Pole Main (100A Max)
 - 7 =
 - 8 =
 - A = (1) 4-Pole 100A / (1) 2-Pole 100A
 - B = (2) Circuit Breaker Service Disconnects with Interlock
 - C = (2) 7-Function Breaker Service Disconnects
 - 5. Distribution Interior**
 - (Distribution use plug-in DMC panels; panels use built-in slots)
 - A = (2) 8 small loadcenter main (1) 8 small loadcenter unswitched
 - B = (2) 24 small loadcenter
 - C = (1) 24 small loadcenter
 - D = (1) 12 small loadcenter
 - E = (1) 12 small loadcenter
 - F = (1) 12 small loadcenter
 - G = (1) 12 small loadcenter
 - H = (1) 12 small loadcenter
 - I = (1) 12 small loadcenter
 - J = (1) 12 small loadcenter
 - K = (1) 12 small loadcenter
 - L = (1) 12 small loadcenter
 - M = (1) 12 small loadcenter
 - N = (1) 12 small loadcenter
 - O = (1) 12 small loadcenter
 - P = (1) 12 small loadcenter
 - Q = (1) 12 small loadcenter
 - R = (1) 12 small loadcenter
 - S = (1) 12 small loadcenter
 - T = (1) 12 small loadcenter
 - U = (1) 12 small loadcenter
 - V = (1) 12 small loadcenter
 - W = (1) 12 small loadcenter
 - X = (1) 12 small loadcenter
 - Y = (1) 12 small loadcenter
 - Z = (1) 12 small loadcenter
 - 6. Enclosure Size**
 - A = CP3B Single, 18x17x48" (TYPE B)
 - B = CP3B Single, 18x17x48" (TYPE C)
 - C = CP3B Single, 18x17x48" (TYPE D)
 - D = CP3B Single, 18x17x48" (TYPE E)
 - E = CP3B Single, 18x17x48" (TYPE F)
 - F = CP3B Single, 18x17x48" (TYPE G)
 - G = CP3B Single, 18x17x48" (TYPE H)
 - H = CP3B Single, 18x17x48" (TYPE I)
 - I = CP3B Single, 18x17x48" (TYPE J)
 - J = CP3B Single, 18x17x48" (TYPE K)
 - K = CP3B Single, 18x17x48" (TYPE L)
 - L = CP3B Single, 18x17x48" (TYPE M)
 - M = CP3B Single, 18x17x48" (TYPE N)
 - N = CP3B Single, 18x17x48" (TYPE O)
 - O = CP3B Single, 18x17x48" (TYPE P)
 - P = CP3B Single, 18x17x48" (TYPE Q)
 - Q = CP3B Single, 18x17x48" (TYPE R)
 - R = CP3B Single, 18x17x48" (TYPE S)
 - S = CP3B Single, 18x17x48" (TYPE T)
 - T = CP3B Single, 18x17x48" (TYPE U)
 - U = CP3B Single, 18x17x48" (TYPE V)
 - V = CP3B Single, 18x17x48" (TYPE W)
 - W = CP3B Single, 18x17x48" (TYPE X)
 - X = CP3B Single, 18x17x48" (TYPE Y)
 - Y = CP3B Single, 18x17x48" (TYPE Z)

BRANCH CIRCUIT PANEL SUMMARY

PANEL DESIG.	120/208V, 3Ø, 4W	240/480V, 3Ø, 4W	MAINS RATING (AMPS)	MOUNTING	BRANCH CIRCUIT BREAKERS (AMPS/POLE)						SUPPLY DEVICE RATING (SW, FUSE)	CIRCUIT NUMBER	FEEDER IDENT.
					1	2	3	4	5	6			
A			100	S	ACTIVE	SPARE	SPARE	SPARE	SPARE	SPARE	100/100	2	

FEEDER SCHEDULE

FEEDER IDENT.	CONDUCTORS		GROUND SIZE PER SET	ISOLATED GROUND SIZE PER SET	CONDUIT SIZE PER SET
	SETS	QUANT. PER SET			
1	1	3	#3 THHN		1 1/4"
2	1	4	#3 THHN	#8	1 1/4"
3	1	3	#3 THHN	#4	1 1/4"
4	1	2	#6 THHN	#6	1"
5	1	2	#8 THHN	#8	3/4"
6	1	2	#10 THHN	#10	3/4"

GENERAL NOTES:

- ALL CONDUITS TO BE ROUTED MINIMUM 30" BELOW GRADE.
- E.C. SHALL VISIT JOBSITE PRIOR TO BID AND VERIFY ALL EXISTING CONDITIONS AND REQUIREMENTS.
- E.C. TO CLOSELY COORDINATE ELECTRICAL INSTALLATION WITH PAVING AND CONCRETE WORK ON THIS PROJECT.
- E.C. TO VERIFY ALL SERVICE ENTRANCE CONNECTIONS REQUIREMENTS WITH K.D.A.E. PRIOR TO BID.
- ALL CONDUITS BELOW GRADE TO BE SCH. 40 PVC WITH STEEL EELS AND RISERS.
- ALL POLE BASES, AND CONCRETE WORK ASSOCIATED WITH ELECTRICAL INSTALLATION TO BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.

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