

	Digital Control Units			Analog Control Units			Excluding the PF series, PJ2 series, PJ series, CC-PJ-0707, and STU-3000.						
Model name	PD3-3024-3-PI	PD3-3024-3-SI(A)	PD3-3024-3-EI(A)	PD3-5024-4-PI(A)	PD3-5024-4-SI(A)	PD3-5024-4-EI(A)	PD3-10024-8-PI	PD3-10024-8-SI(A)	PD3-10024-8-EI(A)	PD3-3024-3-PT	PD3-3024-3-ET(A)	PD3-5024-3-PT	PD3-5024-3-ET(A)
Output voltage	24 V												
Output power	28 W			46 W			95 W			28 W		48 W	
No. of channels	3			4			8			3			
Lighting method	Continuous / Strobe lighting												
Intensity control method	PWM control / Lighting time control												
PWM frequency	125 kHz												
Intensity value	256 steps												
Input voltage	100 to 240 VAC									24 VDC			
Frequency	50/60 Hz									-			
Power consumption	78 VA			70 VA			130 VA			32 W		52 W	
Parallel communication	○	-	-	○	-	-	○	-	-	○	-	○	-
EIA-485 communication	-	○	-	-	○	-	-	○	-	-	-	-	-
Ethernet	-	-	○	-	-	○	-	-	○	-	○	-	○
Analog input	-	-	-	-	-	-	-	-	-	-	-	-	-
External intensity control	○	○	○	○	○	○	○	○	○	○	○	○	○
ON/OFF lighting	○	○	○	○	○	○	○	○	○	○	○	○	○
Strobe lighting	○ (No overdrive)												
Lighting time	40 μs / 80 μs / 120 μs / 200 μs / 600 μs / 1 ms / 4 ms / 10 ms / 20 ms / 40 ms												
Lighting delay time	10 μs max.			20 μs max.						10 μs max.			
CE marking	○												
Weight	600 g			1.2 kg			1.5 kg			400 g			
Cooling method	Natural air cooling			Forced air cooling						Natural air cooling			
Mounting method	Bottom and DIN rail mounting												
Relevant page	P.255												

Model name	PD3-5024-4-PT(A)	PD3-5024-4-ET(A)	PD2-1024(A)	PD2-3024(A)	PD2-3024-2(A)	PD2-3024-4(A)	PD2-3024-8(A)	PD2-5024(A)	
Output voltage	24 V								
Output power	46 W		9 W	28 W		27 W	25 W	46 W	
No. of channels	4		1	2		4	8	1	
Lighting method	Continuous / Strobe lighting		Continuous lighting						
Intensity control method	PWM control / Lighting time control		PWM control						
PWM frequency	125 kHz		62.5 kHz						
Intensity value	256 steps								
Input voltage	24 VDC		100 to 120 VAC	100 to 240 VAC					
Frequency	-		50/60 Hz						
Power consumption	52 W		27 VA	78 VA			122 VA		
Parallel communication	○	-	○	○	○	○	○	○	
EIA-485 communication	-	-	-	-	-	-	-	-	
Ethernet	-	○	-	-	-	-	-	-	
Analog input	-	-	-	-	-	-	-	-	
External intensity control	○	○	○	○	○	○	○	○	
ON/OFF lighting	○	○	○	○	○	○	○	○	
Strobe lighting	○ (No overdrive)		-						
Lighting time	40 μs / 80 μs / 120 μs / 200 μs / 600 μs / 1 ms / 4 ms / 10 ms / 20 ms / 40 ms		-						
Lighting delay time	20 μs max.		-						
CE marking	○		-	○					
Weight	850 g		700 g	1.1 kg		1.2 kg	1.5 kg	1.3 kg	
Cooling method	Forced air cooling		Natural air cooling				Forced air cooling		
Mounting method	Bottom and DIN rail mounting		Bottom mounting	Bottom and DIN rail mounting					
Relevant page	P.255		P.261						

Model name	PB-2430-1	PSB-524V(A)	PSB-1024VB	PSB-3024VB	PSB-1024V-WW	CN-4024-2-EIPT	POD-5024-2-PEI	POD-22024-4-PEI	PTU2-3012(A)	PTU2-3024(A)		
Output voltage	24 V					24 or 48 V (Overdrive)	24 to 48 V (Overdrive mode)		18 V	48 V		
Output power	24 W	5 W	10 W	30 W	10 W	Refer to the spec. table on p.278. *1	Refer to the specification table on p.269. *2		27 W			
No. of channels	1					2	2	4	2			
Lighting method	Continuous lighting					Strobe lighting / Continuous lighting			Strobe lighting			
Intensity control method	Variable voltage control					Lighting time / PWM control	Variable voltage control / PWM control		Lighting time control			
PWM frequency	-					125 kHz			-			
Intensity value	Stepless					512 steps			10% to 100% (10% steps)			
Input voltage	24 VDC	100 to 120 VAC			100 to 240 VAC	24 VDC	100 to 240 VAC					
Frequency	-	50/60 Hz				-	50/60 Hz					
Power consumption	30 W	12 VA	27 VA	78 VA	27 VA	45 W (average) 71.3 W (peak)	65 VA	260 VA	78 VA			
Parallel communication	-	-	-	-	-	-	○		○	○		
EIA-485 communication	-	-	-	-	-	-	-		-	-		
Ethernet	-	-	-	-	-	○ ³	○		-	-		
Analog input	-	-	-	-	-	-	-		-	-		
External intensity control	-	-	-	-	-	○	○		○	○		
ON/OFF lighting	-	-	-	-	-	○	○		-	-		
Strobe lighting	-	-	-	-	-	○ (With overdrive)						
Lighting time	-					Refer to the instruction guide.	1 to 1,000 μs (1 μs steps)	1 to 3,000 μs (See the spec. table.)	10 to 990 μs (10 μs steps) (Can only be set by using the front switch.)			
Lighting delay time	-					0 to 10,000 μs (1 μs steps)	0 to 1,000 μs (1 μs steps)		15 μs max.			
CE marking	○	-			○							
Weight	270 g	450 g	470 g	700 g	470 g	500 g	1.5 kg	3.3 kg	1.2 kg			
Cooling method	Natural air cooling					Forced air cooling			Natural air cooling			
Mounting method	DIN rail mounting	Bottom mounting				DIN rail mounting	Bottom mounting					
Relevant page	P.279	P.265				P.277	P.267			P.271		

*1 Both EtherNet/IP and TCP/IP interfaces support.

New

Model name	CC-ST-1024	BB-V24P30-M	BB-V24P30-S	BB-V12S30-M	BB-V12S30-S	BB-V24S30-M	BB-V24S30-S	PSCC-30048(A)	PSCC-60048(A)	PSB4-30024-PEI	PSB3-30024	
Output voltage	24 V			18 V		48 V		43 V		24 V		
Output power	10 W	30 W			300 W		600 W	300 W				
No. of channels	1											
Lighting method	Continuous / Strobe lighting			Strobe lighting				Continuous lighting				
Intensity control method	PWM control / Lighting time control			Lighting time control				Variable current control		Variable voltage control		
PWM frequency	100 kHz	62.5 kHz (initial value)		-								
Intensity value	100 steps	256 steps (initial value)		-				256 or 1,000 steps		256 or 1,024 steps	256 steps	
Input voltage	24 VDC						100 to 240 VAC					
Frequency	-						50/60 Hz					
Power consumption	11 W	42 W		16 W (average power consumption) 72 W (peak power consumption)		16 W (average power consumption) 26 W (peak power consumption)		360 VA	750 VA	388 VA	410 VA	
Parallel communication	-	○ (Using an interface unit)						○	○	○	○	
EIA-485 communication	-	-	-	-	-	-	-	○	○	-	○	
Ethernet	-	-	-	-	-	-	-	○	○	○	-	
Analog input	-	-	-	-	-	-	-	-	-	-	○	
External intensity control	-	○	○	-	-	-	-	○	○	○	○	
ON/OFF lighting	○	○	○	-	-	-	-	○	○	○	○	
Strobe lighting	○ (No overdrive)			○ (With overdrive)				-				
Lighting time	50 μs / 100 μs / 250 μs / 500 μs / 1 ms / 4 ms / 10 ms / 40 ms		0.1 to 100 ms (Can only be set by using the button on the front of the master unit.)		0.001 to 1 ms				-			
Lighting delay time	3 μs max.			1 μs to 1,000 μs				-				
CE marking	○											
Weight	80 g	350 g		400 g	350 g	400 g		3.1 kg	7.0 kg	2.4 kg	2.3 kg	
Cooling method	Natural air cooling						Forced air cooling					
Mounting method	DIN rail mounting						Bottom mounting					
Relevant page	P.281	P.283				P.293		P.295	P.297			

The PSB series has special order models with a locking intensity knob. For the BB series, you can select from the following lighting frequencies: 62.5 kHz (Intensity values in 256 steps), 125 kHz (Intensity values in 128 steps), 250 kHz (Intensity values in 64 steps), and 500 kHz (Intensity values in 32 steps).