

Product Selection

AC Input Systems NEMA 4

					Catalog Number				
Distribution Box					3-pin mini no LED	898N-38PS-N10	—	—	—
					3-pin mini LEDs	—	898N-L38PS-N12	—	—
					3-pin AC micro, no LED	—	—	898R-38PS-N10	—
					3-pin AC micro LED	—	—	—	898R-L38PS-N12
Device Patchcords					889N-F3AFNU-ⓉF		889R-F3AERM-Ⓣ		
Main Patchcords (Mini-Plus)					889N-F10ACNU-Ⓣ		889N-F12ACNU-Ⓣ		
PanelConnect (16 Input)					1667-16IA1008	1667-16IA1207	1667-16IA1008	1667-16IA1207	
System									
I/O System	Nominal System	I/O Range	Frequency Module	I/O Module					
1746	100/120V AC	85-132V AC	47-63 Hz	1746-IA16	1492-CABLEⓉA	1492-CABLEⓉA	1492-CABLEⓉA	1492-CABLEⓉA	
	24V AC	10-30V AC	47-63 Hz	1746-IN16	1492-CABLEⓉB	1492-CABLEⓉB	1492-CABLEⓉB	1492-CABLEⓉB	
1756	120V AC	74-132V AC	47-63 Hz	1756-IA16	1492-CABLEⓉX	1492-CABLEⓉX	1492-CABLEⓉX	1492-CABLEⓉX	
	24V AC	10-30V AC	47-63 Hz	1756-IN16	1492-CABLEⓉX	—	1492-CABLEⓉX	—	
1769	100/120V AC	79-132V AC	47-63 Hz	1769-IA16	1492-CABⓉA69	1492-CABⓉA69	1492-CABⓉA69	1492-CABⓉA69	
1771	120V AC	70-138V AC	50/60 Hz	1771-IAD	1492-CABLEⓉF	1492-CABLEⓉF	1492-CABLEⓉF	1492-CABLEⓉF	
	24V AC	16-30V AC	50/60 Hz	1771-IND	1492-CABLEⓉF	1492-CABLEⓉF	1492-CABLEⓉF	1492-CABLEⓉF	
1794	100/120V AC	85-132V AC	47-63 Hz	1794-IA16	1492-CABLEⓉP ②	1492-CABLEⓉP ②	1492-CABLEⓉP ②	1492-CABLEⓉP ②	
Other AC PLC Input Modules					1492-CABLEⓉP	1492-CABLEⓉP	1492-CABLEⓉP	1492-CABLEⓉP	

- ① Cables are available in standard lengths of 0.5m, 1.0m, and 5.0m (1.6ft, 3.2ft, 16.4ft). To order, insert the desired length code in the catalog number ("005" = 0.5m, "010" = 1m, "0.25" = 2.5m "050" = 5m). **Example: 1492-CABLE005B** is for a 0.5m cable. Note 1492-CABLEⓉP has minimum length of 1m.
- ② Refer to Wiring to 1794 Flex I/O module in Publication 1667-AT002A-EN-P
- ③ Mini patchcords are available in standard lengths of 0.9m, 1.8m, 3.6m, and 6m (3ft, 6ft, 12ft, and 20ft). To order, insert the desired length in the catalog number. **Example: 889N-F3AFNU-3F** represents a mini 0.9m (3ft) patchcord. Note catalog number reflects straight male to straight female version with 16AWG conductors, additional models are also available.
- ④ AC micro patchcords are available in standard lengths of 1m, 2m, 3m, 5m, and 10m (0.3ft, 0.6ft, 0.9ft, 1.5ft and 3ft). To order, insert the desired length in the catalog number. **Example: 889R-F3AERM-3** represents an AC micro 3m (0.9ft) patchcord. Note catalog number reflects straight male to straight female version with 18AWG conductors, additional models are also available.
- ⑤ Mini-Plus patchcords are available in standard lengths of 1m, 2m, 3m, 5m, and 10m (0.3ft, 0.6ft, 0.9ft, 1.5ft and 3ft). To order, insert the desired length in the catalog number. **Example: 889N-F12ACNU-2** represents a 2m (0.6ft) patchcord. Note catalog number reflects straight male to straight female version with 18/22AWG conductors, additional models are also available.

Allen-Bradley Spares

System and Product Selection

Modules for Input Connections

DC Input Systems NEMA 4

					Catalog Number					
Distribution Box	5-pin DC micro, no LED				—	—	—	898D-58PT-N12	—	—
	5-pin DC micro, PNP LED				—	—	898D-P58PT-N12	—	898D-P58PT-N12	—
	5-pin DC micro, NPN LED				—	—	—	898D-N58PT-N12	—	—
	4-pin mini, no LED				898N-48PS-N10		—	—	—	898N-48PS-N10
Device Patchcords					889N-F4AFNU-ⓄF			889D-F4ACDM-Ⓞ		889N-F4AFNU-ⓄF
Main Patchcords (Mini-Plus)					889N-F10ACNU-Ⓞ			889N-F12ACNU-Ⓞ		889N-F10ACNU-Ⓞ
PanelConnect (16 Input)					1667-16ID1004	1667-16ID1001	1667-16ID1201	1667-16ID1212	—	—
PanelConnect (32 Input)					—	—	—	—	1667-32ID1201	1667-32ID1001
System										
I/O System	Nom. Sys. (DC)	I/O Range (DC)	Type Module	I/O Module						
1746	24V	10-30V	Sink	1746-IB16	1492-CABLEⓄB	—	1492-CABLEⓄB	—	—	—
	48V	30-60V	Sink	1746-IC16	1492-CABLEⓄB	—	—	—	—	—
	120V	90-146V	Sink	1746-IH16	1492-CABLEⓄB	—	—	—	—	—
	24V	10-30V	Sink	1746-IN16	1492-CABLEⓄB	—	1492-CABLEⓄB	—	—	—
	24V	10-30V	Sink	1746-ITB16	1492-CABLEⓄB	—	1492-CABLEⓄB	—	—	—
	24V	10-30V	Source	1746-ITV16	—	1492-CABLEⓄB	—	1492-CABLEⓄBⓄ	—	—
	24V	10-30V	Source	1746-IV16	—	1492-CABLEⓄB	—	1492-CABLEⓄBⓄ	—	—
1756	24V	30-60V	Sink	1746-IB32	—	—	—	—	1492-CABLEⓄH	1492-CABLEⓄH
	12/24V	10-30V	Sink	1756-IB16	1492-CABLEⓄX	—	1492-CABLEⓄX	—	—	—
	48V	30-60V	Sink	1756-IC16	1492-CABLEⓄX	—	—	—	—	—
1769	24V	10-30V	Sink	1756-IB32	—	—	—	—	1492-CABLEⓄZ	1492-CABLEⓄZ
	24V	10-30V	Sink	1769-IQ16	1492-CABⓄB69	—	1492-CABⓄB69	—	—	—
1771	24V	10-30V	Source	1769-IQ16	—	1492-CABⓄB69	—	1492-CABⓄB69	—	—
	125V	70-138V	Sink	1771-IAD	1492-CABLEⓄF	—	—	—	—	—
1771	24V	10-30V	Sink	1771-IBD	1492-CABLEⓄF	—	1492-CABLEⓄF	—	—	—
	48V	20-60V	Sink	1771-ICD	1492-CABLEⓄF	—	1492-CABLEⓄF	—	—	—
	24V	9-30V	Sink	1771-IND	1492-CABLEⓄF	—	1492-CABLEⓄF	—	—	—
	24V	10-30V	Sink	1771-IBN	—	—	—	—	1492-CABLEⓄJ	1492-CABLEⓄJ
1794	24V	10-30V	Sink	1794-IB16	—	—	1492-CABLEⓄPⓄ	—	—	—
	48V	20-60V	Sink	1794-IC16	—	—	1492-CABLEⓄPⓄ	—	—	—
	24V	10-30V	Sink	1794-IB32	—	—	—	—	1492-CABLEⓄⓄP	1492-CABLEⓄⓄP
	24V	10-30V	Source	1794-IV32	—	—	—	—	1492-CABLEⓄⓄP	1492-CABLEⓄⓄP
Other DC PLC Input Modules					1492-CABLEⓄP	1492-CABLEⓄP	1492-CABLEⓄP	1492-CABLEⓄP	1492-CABLEⓄP	1492-CABLEⓄP

❶ Cables are available in standard lengths of 0.5m, 1.0m, and 5.0m (1.6ft, 3.2ft, 16.4ft). To order, insert the desired length code in the catalog number (“005” = 0.5m, “010” = 1m, “025” = 2.5m “050” = 5m). **Example: 1492-CABLE005B** is for a 0.5m cable. Note 1492-CABLEⓄP has minimum length of 1m.

❷ Refer to Wiring to 1794 Flex I/O module in Publication 1667-AT002A-EN-P

❸ Mini patchcords are available in standard lengths of 0.9m, 1.8m, 3.6m, and 6m (3ft, 6ft, 12ft, and 20ft). To order, insert the desired length in the catalog number. **Example: 889N-F4AFNU-6F** represents a mini 1.8m (6ft) patchcord. Note catalog number reflects straight male to straight female version with 16AWG conductors, additional models are also available.

❹ DC micro patchcords are available in standard lengths of 1m, 2m, 3m, 5m, and 10m (0.3ft, 0.6ft, 0.9ft, 1.5ft and 3ft). To order, insert the desired length in the catalog number. **Example: 889D-F4ACDM-3** represents a DC micro 3m (0.9ft) patchcord. Note catalog number reflects straight male to straight female version with 22AWG conductors, additional models are also available. For use with outputs, 5-pin versions may be required for earth grounding on pin 5 depending on output field device.

❺ Mini-Plus patchcords are available in standard lengths of 1m, 2m, 3m, 5m, and 10m (0.3ft, 0.6ft, 0.9ft, 1.5ft and 3ft). To order, insert the desired length in the catalog number. **Example: 889N-F12ACNU-2** represents a 2m (0.6ft) patchcord. Note catalog number reflects straight male to straight female version with 18/22AWG conductors, additional models are also available.