

TRIAC & 0-10V (5 in 1)

Dimmable Constant Current LED Driver

Indoor lighting Driver Series > Multi-Current output DIP adjustment & NFC

TRIAC / Phase / ELV / MLV | 0-10V (5 in 1) Dimming



SMT-M-CTD Series (Multi-Current output · Warm-Dim)

SMT-DI* Series (Slim Size)

- 1-2 CH**
Dimming | Warm-Dim
- 1 - 100%**
Full dimming range
- PF ≥ 0.95**
High Power factor
- Flicker-free**
Smooth dimming
- NFC function**
Quick set output current
Switch between Dimming and Warm-Dim
- DIP**
Adjustment Current

Perfect for LED fixtures

- Spotlights
- Downlights
- Spotlights
- Garden light

Wiring diagram

Diagram 1 Triac Dim

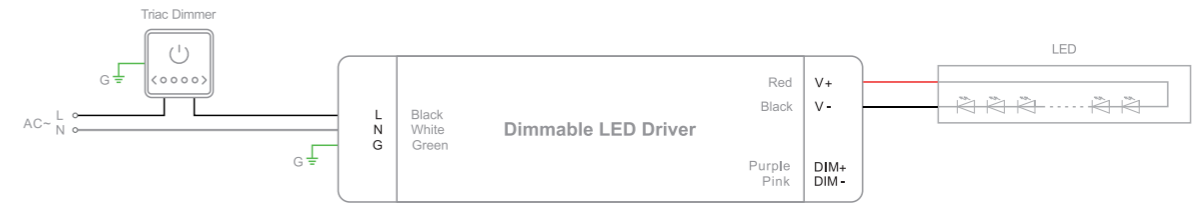
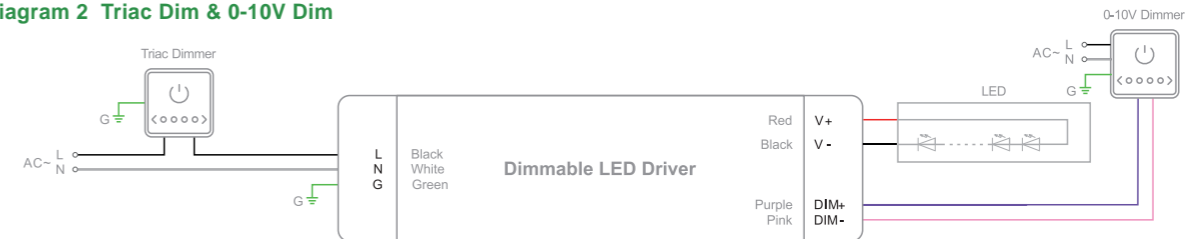


Diagram 2 Triac Dim & 0-10V Dim



Note: Be sure dimming brightness is at 100% for both dimmers and operate one dimmer or the other

Diagram 3 0-10V Dim

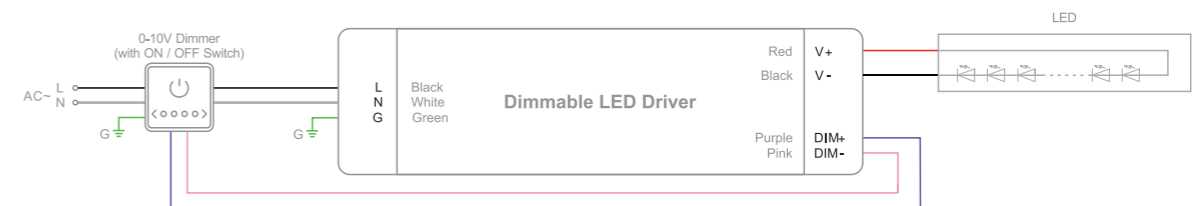


Diagram 4 0-10V / Potentiometer Dim

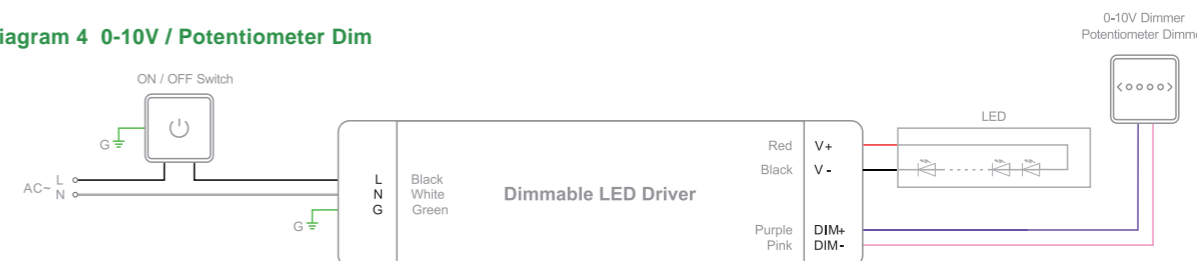
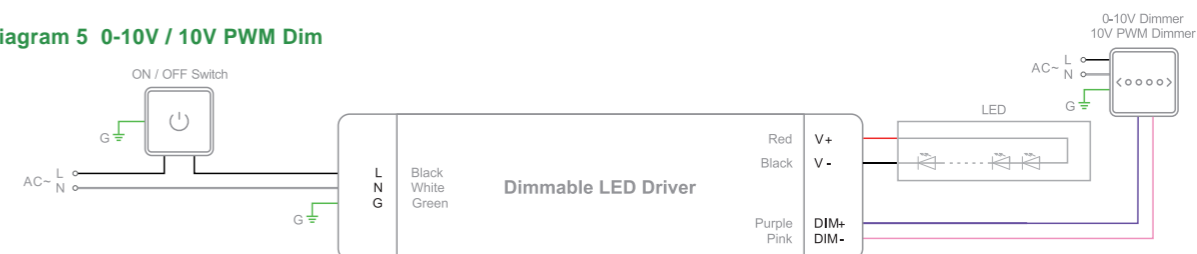


Diagram 5 0-10V / 10V PWM Dim



Triac & 0-10V (5 in 1) Dimming

100-277VAC Constant Current Dimmable LED Driver

TRIAC / Phase / ELV / MLV | 0-10V | Dimming | Warm-Dim



TRIAC & 0-10V Series

TRIAC / ELV / MLV Dimming	TRIAC & 0-10V 5 in 1 Dimming	0-10V Dimming
SMT-M-CT* series	SMT-M-CTD* series	SMT-M-CD* series
SMT-DI-CT* series (Slim Size)	SMT-DI-CTD* series (Slim Size)	SMT-DI-CD* series (Slim Size)

- SMT-DI* series: With 12V/0.3A Built-in Auxiliary power, Ultra-high PF value and low THD
- Compatible with a wide array of popular dimmers and lighting control system
 - Dimmer : ELV & MLV & TRIAC dimmers, 0-10V dimmer
 - Lighting control system : Lutron, Leviton, Crestron , etc.
- 10W - 20W : 8 level option for choose
40W - 60W : 16 level option for choose
- Flicker-free smooth dimming
- Full dimmable range : 1-100%.
- Input 100-277VAC

ProNFC APP & Handheld device function:

1. Setting current
2. Temperature control (SMT-DI* Series)
3. Setting light decay compensation
4. Timing
5. Setting life warning
6. Quick set output current
7. Switch between Dimming and Warm-Dim (SMT-M-CD* / SMT-M-CT* / SMT-M-CTD* Series)



ProNFC APP Download



ProNFC App

Handheld device

For iPhone users

For Android users

SMT-DI020W070-CDP

1 2 3 4 5

- 1 Slim Size
- 2 Power: 20W / 40W / 60W / 100W
- 3 Max. output current
- 4 CT : TRIAC
CD : 0-10V
CTD : TRIAC & 0-10V
- 5 P: IP20 Screw-free Linear plastic driver
A: IP66 Linear aluminum driver
I: IP20 Linear Iron driver

IP20 Screw-free Linear plastic driver
20W-100W For dry and damp location

IP66 Linear aluminum driver
20W-100W For Wet, dry and damp location

IP20 Linear Iron driver
20W-100W For dry and damp location

SMT-M-010CTDJ

1 2 3 4

- 1 Multi-Current output
- 2 Power: 10W / 20W / 60W / 100W
- 3 CT : TRIAC
CD : 0-10V
CTD : TRIAC & 0-10V
- 4 Blank: Plastic & Aluminum Driver
J: Aluminum Built-in Junction box driver

IP20 plastic driver
10W-60W For dry and damp location

IP20 Aluminum Built-in Junction box driver
10W-60W For dry and damp location

Dip adjustment current

NFC setting address and current

TRIAC & 0-10V Series

Power	Picture	Output	TRIAC & 0-10V Series			Channels
			TRIAC / ELV / MLV SMT-M-CT* Series	TRIAC & 0-10V 5 in 1 SMT-M-CTD* Series	0-10V SMT-M-CD* Series	
10W		3-42V 100mA 3-42V 150mA 3-42V 200mA 3-40V 250mA 3-33V 300mA 3-29V 350mA 3-25V 400mA 3-22V 450mA	SMT-M-010CT	SMT-M-010CTD	SMT-M-010CD	1CH
		3-42V 100mA 3-42V 150mA 3-42V 200mA 3-40V 250mA 3-33V 300mA 3-29V 350mA 3-25V 400mA 3-22V 450mA	SMT-M-010CTJ	SMT-M-010CTDJ	SMT-M-010CDJ	1CH
20W		3-42V 250mA 3-42V 350mA 3-42V 400mA 3-40V 500mA 3-36V 550mA 3-33V 600mA 3-29V 700mA	SMT-M-020CT	SMT-M-020CTD	SMT-M-020CD	1CH
		3-42V 250mA 3-42V 350mA 3-42V 400mA 3-40V 500mA 3-36V 550mA 3-33V 600mA 3-29V 700mA	SMT-M-020CTJ	SMT-M-020CTDJ	SMT-M-020CDJ	1CH
20W		12-54V 70-700mA	-	-	SMT-DI020W070-CDP	1CH
		12-54V 70-700mA	-	-	SMT-DI020W070-CDA	1CH
		12-54V 70-700mA	-	-	SMT-DI020W070-CDI	1CH

SMT-DI040-2C-CTDP

- 1
- 2
- 3
- 4
- 5

1 Slim Size
 2 Power: 30W / 40W / 60W
 3 Blank: 1CH
 2C: 2CH

4 CT : TRIAC
 CD : 0-10V
 CTD : TRIAC & 0-10V (5 in 1)
 5 P : IP20 Screw-free Linear plastic driver
 A : IP66 Linear aluminum driver

TRIAC & 0-10V Series

Power	Picture	Output	TRIAC & 0-10V Series			Channels
			TRIAC / ELV / MLV SMT-M-CT* Series	TRIAC & 0-10V 5 in 1 SMT-M-CTD* Series	0-10V SMT-M-CD* Series	
30W		3-42V 300-1050mA	SMT-DI030-CTP	SMT-DI030-CTDP	SMT-DI030-CDP	1CH
		3-42V 300-1050mA	SMT-DI030-2C-CTP	SMT-DI030-2C-CTDP	SMT-DI030-2C-CDP	2CH
		3-42V 300-1050mA	SMT-DI030-CTA	SMT-DI030-CTDA	SMT-DI030-CDA	1CH
40W		3-42V 300-1050mA	SMT-DI030-2C-CTA	SMT-DI030-2C-CTDA	SMT-DI030-2C-CDA	2CH
		3-50V 300mA TTTT 3-50V 350mA T T T T 3-50V 400mA TT T T 3-50V 450mA T T T T 3-50V 500mA TT T T 3-50V 550mA T T T T 3-50V 600mA TT T T 3-50V 650mA T T T T 3-50V 700mA TTTT 3-50V 800mA T T T T 3-45V 900mA TT T T 3-40V 1000mA T T T T 3-37V 1100mA TTTT 3-34V 1200mA T T T T 3-31V 1300mA TTTT 3-29V 1400mA TTTT	SMT-M-C040CT	SMT-M-C040CTD	SMT-M-C040CD	1CH
40W		3-65V 300mA TTTT 3-65V 350mA T T T T 3-65V 400mA TT T T 3-65V 450mA T T T T 3-65V 500mA TT T T 3-65V 550mA T T T T 3-65V 600mA TT T T 3-62V 650mA T T T T 3-57V 700mA TTTT 3-50V 800mA T T T T 3-45V 900mA TT T T 3-40V 1000mA T T T T 3-37V 1100mA TTTT 3-34V 1200mA T T T T 3-31V 1300mA TTTT 3-29V 1400mA TTTT	SMT-M-040CT	SMT-M-040CTD	SMT-M-040CD	1CH
		12-54V 140-1400mA 24-93V 70-700mA	-	-	SMT-DI040W140-CDP SMT-DI040W070-CDP	1CH
		3-42V 400-1400mA	SMT-DI040-CTP	SMT-DI040-CTDP	SMT-DI040-CDP	1CH
		3-42V 400-1400mA	SMT-DI040-2C-CTP	SMT-DI040-2C-CTDP	SMT-DI040-2C-CDP	2CH

TRIAC & 0-10V Series

Power	Picture	Output	TRIAC / ELV / MLV SMT-M-CT* Series	TRIAC & 0-10V 5 in 1 SMT-M-CTD* Series	0-10V SMT-M-CD* Series	Channels
			40W		12-54V 140-1400mA 24-93V 70-700mA	
3-42V 400-1400mA	SMT-DI040-CTA	SMT-DI040-CTDA			SMT-DI040-CDA	1CH
40W		3-42V 400-1400mA	SMT-DI040-2C-CTA	SMT-DI040-2C-CTDA	SMT-DI040-2C-CDA	2CH
		12-54V 140-1400mA 24-93V 70-700mA	-	-	SMT-DI040W140-CDI SMT-DI040W070-CDI	1CH
40W		3-50V 300mA TTTT 3-50V 350mA T T T T 3-50V 400mA TT T T 3-50V 450mA T T T T 3-50V 500mA TT T T 3-50V 550mA T T T T 3-50V 600mA TT T T 3-50V 650mA T T T T 3-50V 700mA TTTT 3-50V 800mA T T T T 3-45V 900mA TT T T 3-40V 1000mA T T T T 3-37V 1100mA TTTT 3-34V 1200mA T T T T 3-31V 1300mA TTTT 3-29V 1400mA TTTT	SMT-M-C040CTJ	SMT-M-C040CTDJ	SMT-M-C040CDJ	1CH
		3-65V 300mA TTTT 3-65V 350mA T T T T 3-65V 400mA TT T T 3-65V 450mA T T T T 3-65V 500mA TT T T 3-65V 550mA T T T T 3-65V 600mA TT T T 3-62V 650mA T T T T 3-57V 700mA TTTT 3-50V 800mA T T T T 3-45V 900mA TT T T 3-40V 1000mA T T T T 3-37V 1100mA TTTT 3-34V 1200mA T T T T 3-31V 1300mA TTTT 3-29V 1400mA TTTT	SMT-M-040CTJ	SMT-M-040CTDJ	SMT-M-040CDJ	1CH
60W		3-50V 600mA TTTT 3-50V 700mA T T T T 3-50V 800mA TT T T 3-50V 900mA T T T T 3-50V 1000mA TT T T 3-50V 1100mA T T T T 3-50V 1200mA TT T T 3-46V 1300mA T T T T 3-43V 1400mA TTTT 3-40V 1500mA TT T T 3-38V 1600mA TT T T 3-35V 1700mA TT T T 3-33V 1800mA TTTT 3-32V 1900mA T T T T 3-30V 2000mA TTTT 3-29V 2100mA TTTT	SMT-M-060CT	SMT-M-060CTD	SMT-M-060CD	1CH

SMT-M-010CTDJ

- 1
- 2
- 3
- 4

- 1 **Multi-Current output**
- 2 **Power:** 10W / 20W / 60W / 100W
- 3 **CT :** TRIAC
CD : 0-10V
CTD : TRIAC & 0-10V
- 4 **Blank :** Plastic & Aluminum Driver
J : Aluminum Built-in Junction box driver

SMT-DI020W070-CDP

- 1
- 2
- 3
- 4
- 5

- 1 **Slim Size**
- 2 **Power:** 20W / 40W / 60W / 100W
- 3 **Max. output current**
- 4 **CT :** TRIAC
CD : 0-10V
CTD : TRIAC & 0-10V
- 5 **P :** IP20 Screw-free Linear plastic driver
A : IP66 Linear aluminum driver
I : IP20 Linear Iron driver


SMT-DI040-2C-CTDP

- 1
- 2
- 3
- 4
- 5




- 1 **Slim Size**
- 2 **Power:** 30W / 40W / 60W
- 3 **Blank:** 1CH
2C: 2CH


- 4 **CT :** TRIAC
CD : 0-10V
CTD : TRIAC & 0-10V (5 in 1)
- 5 **P :** IP20 Screw-free Linear plastic driver
A : IP66 Linear aluminum driver


TRIAC & 0-10V Series

Power	Picture	Output	TRIAC & 0-10V Series			Channels	
			TRIAC / ELV / MLV SMT-M-CT* Series	TRIAC & 0-10V 5 in 1 SMT-M-CTD* Series	0-10V SMT-M-CD* Series		
60W		3-50V 600mA				1CH	
		3-50V 700mA					
		3-50V 800mA					
		3-50V 900mA					
		3-50V 1000mA					
		3-50V 1100mA					
		3-50V 1200mA					
		3-46V 1300mA					
		3-43V 1400mA		SMT-M-C060CTJ	SMT-M-C060CTDJ		SMT-M-C060CDJ
		3-40V 1500mA					
		3-38V 1600mA					
		3-35V 1700mA					
		3-33V 1800mA					
		3-32V 1900mA					
		3-30V 2000mA					
3-29V 2100mA							

TRIAC & 0-10V Series

Power	Picture	Output	TRIAC & 0-10V Series			Channels	
			TRIAC / ELV / MLV SMT-M-CT* Series	TRIAC & 0-10V 5 in 1 SMT-M-CTD* Series	0-10V SMT-M-CD* Series		
60W		3-65V 600mA				1CH	
		3-65V 700mA					
		3-65V 800mA					
		3-65V 900mA					
		3-60V 1000mA					
		3-54V 1100mA					
		3-50V 1200mA					
		3-46V 1300mA					
		3-43V 1400mA		SMT-M-060CT	SMT-M-060CTD		SMT-M-060CD
		3-40V 1500mA					
		3-38V 1600mA					
		3-35V 1700mA					
		3-33V 1800mA					
		3-32V 1900mA					
		3-30V 2000mA					
3-29V 2100mA							
60W		12-54V 160-1600mA 24-93V 120-1200mA	-	-	SMT-DI060W160-CTP SMT-DI060W120-CTP	1CH	
		3-42V 500-2100mA	SMT-DI060-CTP	SMT-DI060-CTDP	SMT-DI060-CTP	1CH	
		3-42V 500-2100mA	SMT-DI060-2C-CTP	SMT-DI060-2C-CTDP	SMT-DI060-2C-CTP	2CH	
		12-54V 160-1600mA 24-93V 120-1200mA	-	-	SMT-DI060W160-CDA SMT-DI060W120-CDA	1CH	
			3-42V 500-2100mA	SMT-DI060-CTA	SMT-DI060-CTDA	SMT-DI060-CDA	1CH
			3-42V 500-2100mA	SMT-DI060-2C-CTA	SMT-DI060-2C-CTDA	SMT-DI060-2C-CDA	2CH
60W		12-54V 160-1600mA 24-93V 120-1200mA	-	-	SMT-DI060W160-CTDI SMT-DI060W120-CTDI	1CH	

60W		3-65V 600mA				1CH	
		3-65V 700mA					
		3-65V 800mA					
		3-65V 900mA					
		3-60V 1000mA					
		3-54V 1100mA					
		3-50V 1200mA					
		3-46V 1300mA					
		3-43V 1400mA		SMT-M-060CTJ	SMT-M-060CTDJ		SMT-M-060CDJ
		3-40V 1500mA					
		3-38V 1600mA					
		3-35V 1700mA					
		3-33V 1800mA					
		3-32V 1900mA					
		3-30V 2000mA					
3-29V 2100mA							

60W		12-54V 210-2100mA 24-93V 160-1600mA	-	-	SMT-DI100W210-CTP SMT-DI100W160-CTP	1CH
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100W		12-54V 210-2100mA 24-93V 160-1600mA	-	-	SMT-DI100W210-CTDA SMT-DI100W160-CTDA	1CH
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100W		12-54V 210-2100mA 24-93V 160-1600mA	-	-	SMT-DI100W210-CTDI SMT-DI100W160-CTDI	1CH
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