

























Features

- DALI-2 DT6(Dimming) or DT8 (Tunable white/RGBW) control available
- · Constant voltage PWM style output with 1 or 4 channels
- Standby power consumption <0.5W
- Function options: 3 in 1dimming/DALI-2+PUSH Dimming
- Minimum dimming level 0.1%(DALI-2)
- · Cooling by free air convection
- 5 years warranty

Applications

- LED strip lighting(CW/WW/Tunable/RGBW)
- LED decorative lighting
- LED architecture lighting
- Household lighting control system
- DALI Building automation

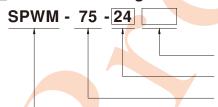
GTIN CODE

MW Search: https://www.meanwell.com/serviceGTIN.aspx

Description

SPWM-75 series is a 75W AC/DC LED driver featuring the constant voltage mode with PWM style output. Which is able to maintain the color temperature and the brightness homogeneity when driving all kinds of LED strips. SPWM-75 operates from 110~305VAC and offers models with different rated voltage ranging include 12V and 24V. Thanks to the high efficiency up to 90%, with the fanless design, the entire series is able to operate for -20~+90°C case temperature under free air convention. SPWM-75 equipped with various function options, such as dimming methodologies with DALI-2, so as to provide the optimal design flexibility for LED lighting system.

Model Encoding



Function options(BLANK/DA2/DA2Q)

Rated output voltage(12V/24V)

Rated wattage

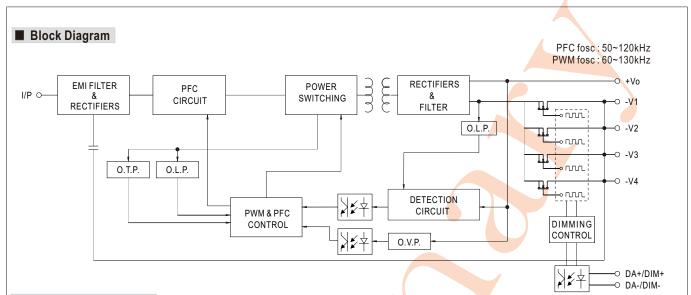
Series name

Туре	Function	Note
BLANK	3 in 1 dimming function (0~10Vdc,10V PWM signal and resistance)	In stock
DA2	DALI-2 with DT6 control(1 channel output)	In stock
DA2Q	DALI-2 with DT8 control(4 channels output)	In stock



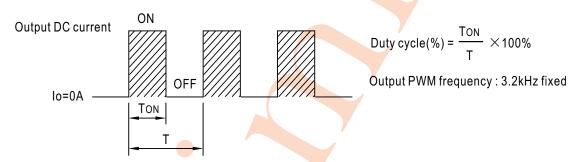
SPECIFICATION	SPWM-75-12□	SPWM-75-24 □					
OUTPUT							
DC VOLTAGE	12V	24V					
RATED CURRENT(Max.)	6.3A		3.2A				
RATED CORRENT (Max.)	75.6W		76.8W				
VOLTAGE ADJ. RANGE	11~14V	23~26V					
		23~26V					
PWM FREQUENCY (Typ.)	3.2kHz						
SETUP, RISE TIME Note.3	500ms,80ms/ 230VAC ,1200ms,80ms/115V/	AC					
HOLD UP TIME (Typ.)	10ms/230VAC or 115VAC						
INPUT							
VOLTAGE RANGE Note.2	110 ~ 305VAC 156 ~ 431VDC (Please refer to "STATIC CHARACTERISTIC"	section)				
FREQUENCY RANGE	47 ~ 63Hz						
POWER FACTOR (Typ.)	PF>0.97/115VAC, PF>0.95/230VAC, PF>0.9						
TOWERTAGIOR (Typ.)	(Please refer to "POWER FACTOR (PF) CHARACTERISTIC" section)						
TOTAL HARMONIC DISTORTION	THD<10%@load≧50%/115VAC, 230VAC; @load≧75%/277VAC						
	(Please refer to "TOTAL HARMONIC DISTO	,					
EFFICIENCY (Typ.)	88%	90%	<u> </u>				
AC CURRENT (Typ.)	0.9A / 115VAC 0.45A / 230VAC 0.	38A / 277VAC					
INRUSH CURRENT (Typ.)	COLD START 50A(twidth=500µs measured	at 50% Ipeak) at 230VAC; Per NEMA 410					
MAX. NO. of PSUs on 16A	5 units (circuit breaker of type B) / 8 units (ci	rcuit breaker of type C) at 230VAC					
CIRCUIT BREAKER	o unito (orioni broaker or typo b) / o unito (or						
LEAKAGE CURRENT	<0.25mA / 277VAC						
STANDBY POWER CONSUMPTION	standby power consumption<0.5W (Dimmin	g off)					
PROTECTION							
OVERLOAD	105~135%, hiccup mode, recovers automati	cally after fault condition is removed					
	1 1	r on to recover after fault condition is remove	1				
SHORT CIRCUIT	DA2/DA2Q type:Hiccup mode, recovers auto		•				
	21 1 7						
OVER VOLTAGE	15 ~ 20V 27~ 36V Shut down O/P voltage, re-power on to recover after fault condition is removed						
OVER TEMPERATURE	Shut down O/P voltage, re-power on to reco						
	Shut down O/F voltage, re-power on to reco	ver after fault condition is removed					
ENVIRONMENT	Trans 00 100°C /Plans as for to # OUTPU	TI OAD W TEADED ATUDE! *** ****					
WORKING TEMP.	Tcase=-20~+90°C (Please refer to "OUTPU	TLOAD vs TEMPERATURE" section)					
MAX. CASE TEMP.	Tcase=90°C						
WORKING HUMIDITY	20 ~ 95% RH non-condensing	· ·					
STORAGE TEMP., HUMIDITY	-40 ~ +80°C, 10 ~ 95% RH						
TEMP. COEFFICIENT	±0.03%/°C (0 ~ 50°C)						
VIBRATION	5 ~ 100Hz, 2G 12min./1cycle, each along X,Y,Z axes according to EN50090-2-2						
SAFETY & EMC		, <u> </u>					
SAFETY STANDARDS		ENEC BS EN/EN61347-1, BS EN/EN61347- //EN62384; GB/T19510.1,GB/T19510.213; E/ 1347-2-13					
DALI STANDARDS	Comply with IEC62386-101, 102, 207(DT6	6),209(DT8),DALI Part 251					
WITHSTAND VOLTAGE	I/P-O/P:3.75KVAC						
ISOLATION RESISTANCE	I/P-O/P:100M Ohms / 500VDC / 25°C / 70%	6 RH					
I GOLDANIO IN INCLUMENTAL INCL	Parameter	Standard	Test Level/Note				
	Conducted	BS EN/EN55015(CISPR15) ,GB/T17743					
		DO EN/EN00010(OIOT 1010), OD/1111140					
		BS EN/EN55015(CISPR15) GB/T17743					
EMC EMISSION Note.4	Radiated	BS EN/EN55015(CISPR15) ,GB/T17743					
EMC EMISSION Note.4	Harmonic Current	BS EN/EN61000-3-2 ,GB 17625.1	 Class C @load≥50%				
EMC EMISSION Note.4	Harmonic Current Voltage Flicker	, , , , , ,					
EMC EMISSION Note.4	Harmonic Current Voltage Flicker BS EN/EN61547	BS EN/EN61000-3-2 ,GB 17625.1 BS EN/EN61000-3-3	 Class C @load≥50%				
EMC EMISSION Note.4	Harmonic Current Voltage Flicker BS EN/EN61547 Parameter	BS EN/EN61000-3-2 ,GB 17625.1 BS EN/EN61000-3-3	Class C @load≥50% Test Level/Note				
EMC EMISSION Note.4	Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD	BS EN/EN61000-3-2 ,GB 17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2	Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact				
EMC EMISSION Note.4	Harmonic Current Voltage Flicker BS EN/EN61547 Parameter	BS EN/EN61000-3-2 ,GB 17625.1 BS EN/EN61000-3-3	Class C @load≥50% Test Level/Note				
EMC EMISSION Note.4 EMC IMMUNITY	Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT/Burst	BS EN/EN61000-3-2 ,GB 17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2	Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 2				
	Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT/Burst Surge	BS EN/EN61000-3-2 ,GB 17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3	Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2				
	Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT/Burst	BS EN/EN61000-3-2 ,GB 17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4	Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 2				
	Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT/Burst Surge	BS EN/EN61000-3-2 ,GB 17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5	Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 2 Level 4, 2KV/Line-Line				
	Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field	BS EN/EN61000-3-2 ,GB 17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-8	Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 2 Level 4, 2KV/Line-Line Level 2 Level 2 30% dip 10 periods				
	Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT/Burst Surge Conducted	BS EN/EN61000-3-2 ,GB 17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6	Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 2 Level 4, 2KV/Line-Line Level 2 Level 2 Level 2				
	Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field	BS EN/EN61000-3-2 ,GB 17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-8	Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 2 Level 4, 2KV/Line-Line Level 2 Level 2 30% dip 10 periods				
EMC IMMUNITY	Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field	BS EN/EN61000-3-2 ,GB 17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-8	Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 2 Level 4, 2KV/Line-Line Level 2 Level 2 30% dip 10 periods				
EMC IMMUNITY OTHERS	Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions	BS EN/EN61000-3-2 ,GB 17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS EN/EN61000-4-11:2020	Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 2 Level 4, 2KV/Line-Line Level 2 Level 2 30% dip 10 periods 100% interrruption 0.5 periods				
EMC IMMUNITY OTHERS FLICKER Note.9	Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions PstLM ≤ 1, SVM ≤ 0.4	BS EN/EN61000-3-2 ,GB 17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS EN/EN61000-4-11:2020	Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 2 Level 4, 2KV/Line-Line Level 2 Level 2 30% dip 10 periods 100% interrruption 0.5 periods				
OTHERS FLICKER Note.9 MTBF DIMENSION	Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions PstLM ≤ 1, SVM ≤ 0.4 2396.9 K hrs min. Telcordia SR-332 (Bell	BS EN/EN61000-3-2 ,GB 17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS EN/EN61000-4-11:2020	Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 2 Level 4, 2KV/Line-Line Level 2 Level 2 30% dip 10 periods 100% interrruption 0.5 periods				
EMC IMMUNITY OTHERS FLICKER Note.9 MTBF DIMENSION PACKING NOTE	Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions PstLM ≤ 1, SVM ≤ 0.4 2396.9 K hrs min. Telcordia SR-332 (Bell 290*38*28.5mm (L*W*H) 0.28Kg; 42 pcs/ 13.5 Kg/ 0.67 CUFT	BS EN/EN61000-3-2 ,GB 17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS EN/EN61000-4-11:2020 core); 205.7 K hrs min. MIL-HDBK-2	Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 2 Level 4, 2KV/Line-Line Level 2 Level 2 30% dip 10 periods 100% interrruption 0.5 periods				
OTHERS FLICKER Note.9 MTBF DIMENSION PACKING NOTE 1. All parameters NOT specially mentioned are 1 2. De-rating may be needed under low input voll 3. Length of set up time is measured at first cold 4. The driver is considered as a component that by the complete installation, the final equipm 5. This series meets the typical life expectancy of 6. Please refer to the warranty statement on ME 7. The ambient temperature derating of 3.5°C/10.8. It is not recommended to connect to capacitive 1. The series is measured at full load with the light series of the series of th	Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions PstLM ≤ 1, SVM ≤ 0.4 2396.9 K hrs min. Telcordia SR-332 (Bell 290*38*28.5mm (L*W*H) 0.28Kg; 42 pcs/ 13.5 Kg/ 0.67 CUFT measured at 230VAC input, rated current and 25 ages. Please refer to "STATIC CHARACTERIST start. Turning ON/OFF the driver may lead to in will be operated in combination with final equipnent manufacturers must re-qualify EMC Directive of >50,000 hours of operation when Tcase, partic AN WELL: website at http://www.meanwell.com/00m with fanless models and of 5°C/1000m with e loads. Ource provided by MEAN WELL.	BS EN/EN61000-3-2 ,GB 17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-11:2020 Core); 205.7 K hrs min. MIL-HDBK-2 Core); 205.7 K hrs min. MIL-HDBK-2 Core of ambient temperature. TIC" sections for details. Crease of the set up time. Crease of the set up time. Create of the set up time.	Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 2 Level 4, 2KV/Line-Line Level 2 30% dip 10 periods 100% interrruption 0.5 periods				
EMC IMMUNITY OTHERS FLICKER Note.9 MTBF DIMENSION PACKING NOTE 1. All parameters NOT specially mentioned are a component that by the complete installation, the final equipm 5. This series meets the typical life expectancy 6. Please refer to the warranty statement on ME 7. The ambient temperature derating of 3.5°C/16. It is not recommended to connect to capacitiv 9. Flicker is measured at full load with the light statement on a very complete in the statement on ME 10. RCM is on a voluntary basis. Non IC classification of the complete in the light statement on a voluntary basis. Non IC classification of the complete in the light statement of the light statement	Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions PstLM ≤ 1, SVM ≤ 0.4 2396.9 K hrs min. Telcordia SR-332 (Bell 290*38*28.5mm (L*W*H) 0.28Kg; 42 pcs/ 13.5 Kg/ 0.67 CUFT measured at 230VAC input, rated current and 25 tages. Please refer to "STATIC CHARACTERIST start. Turning ON/OFF the driver may lead to in will be operated in combination with final equipnent manufacturers must re-qualify EMC Directive of >50,000 hours of operation when Tcase, partic AN WELL's website at http://www.meanwell.com/100m with fanless models and of 5°C/1000m with eloads. ource provided by MEAN WELL. catton Independent LED control gear is not suita	BS EN/EN61000-3-2 ,GB 17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS EN/EN61000-4-11:2020 Core); 205.7 K hrs min. MIL-HDBK-2	Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 2 Level 2 Level 2 Level 2 100% dip 10 periods 100% interrruption 0.5 periods 107F (25°C) C or less. 1000m(6500ft).				
EMC IMMUNITY OTHERS FLICKER Note.9 MTBF DIMENSION PACKING NOTE 1. All parameters NOT specially mentioned are really a company to the seded under low input volidation of set up time is measured at first coldation. The driver is considered as a component that by the complete installation, the final equipments. This series meets the typical life expectancy of the series measured at full load with the light solution. Because of the series of the s	Harmonic Current Voltage Flicker BS EN/EN61547 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions PstLM ≤ 1, SVM ≤ 0.4 2396.9 K hrs min. Telcordia SR-332 (Bell 290*38*28.5mm (L*W*H) 0.28Kg; 42 pcs/ 13.5 Kg/ 0.67 CUFT measured at 230VAC input, rated current and 25 ages. Please refer to "STATIC CHARACTERIST is tart. Turning ON/OFF the driver may lead to in will be operated in combination with final equipnent manufacturers must re-qualify EMC Directive of >50,000 hours of operation when Tcase, particularly and the surface of the component	BS EN/EN61000-3-2 ,GB 17625.1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS EN/EN61000-4-11:2020 Core); 205.7 K hrs min. MIL-HDBK-2 Core of ambient temperature. TIC" sections for details. Crease of the set up time. Ticent. Since EMC performance will be affected on the complete installation again. Sularly (©) point (or TMP, per DLC), is about 75 That models for operating altitude higher than 20 Ble for resisdential installations. The meneds to test with a DALI controller which complete installations. The meneds to test with a DALI controller which complete installations.	Class C @load≥50% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 2 Level 2 Level 2 Level 2 100% dip 10 periods 100% interrruption 0.5 periods 17F (25°C)				



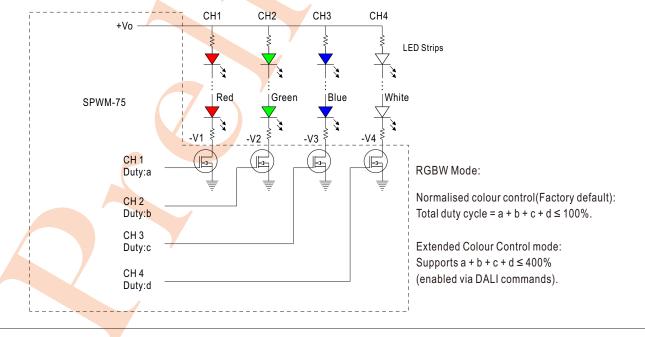


■ DIMMING OPERATION

- ※ Dimming principle for PWM style output(1 channel output, for BLANK/DA2 Type)
- Dimming is achieved by varying the duty cycle of the output current.



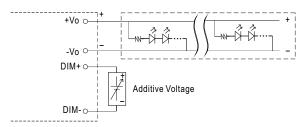
Moreover in the principle for colour temperature dimming and brightness dimming (4 channels output, for DA2Q Type)





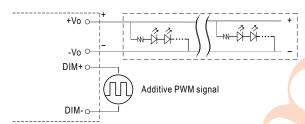
$\frak{\%}$ 3 in 1 dimming function

- Output constant current level can be adjusted by applying one of the three methodologies between DIM+ and DIM-: $0 \sim 10 \text{VDC}$, or 10V PWM signal or resistance.
- Direct connecting to LEDs is suggested. It is not suitable to be used with additional drivers.
- Dimming source current from power supply: 100 μ A (typ.)



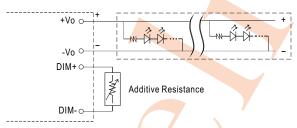
"DO NOT connect "DIM- to Vo-"

O Applying additive 10V PWM signal (frequency range 300Hz~3KHz):

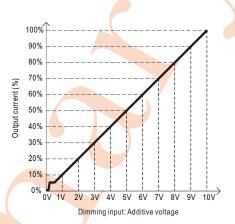


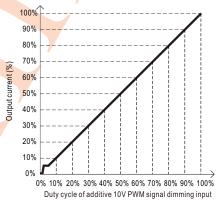
"DO NOT connect "DIM- to Vo-"

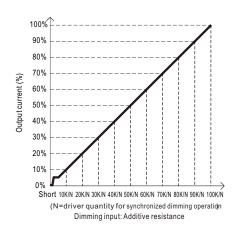
Applying additive resistance: 0~100k Ω



"DO NOT connect "DIM- to Vo-"







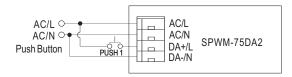
Note: 1. Min. dimming level is about 6% and the output current is not defined when 0% < Iout < 6%.

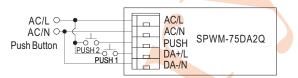
2. The output current could drop down to 0% when dimming input is about 0kΩ or 0Vdc, or 10V PWM signal with 0% duty cycle.



※PUSH dimming (primary side), for DA2/DA2Q Model

· Output wiring diagram





- The factory default dimming level is at 100%.
- Up to 10 drivers can perform the PUSH dimming at the same time when utilizing one common push button.
- The maximum length of the cable from the push button to the last driver is 20 meters.

Action	Action duration		
Short Push	0.1~1s		
Long Push	>1s		

Push Button functionally

Model	Application	Dip Switch			Push 1 for brightness	Push 2 for colour	
		1	2	3			
DA2 Type	1 logic unit of LED (DT6,Brightness Dimming)				Short Push: ON/OFF Long Push: Dim up/down dim up stop at maximum; dim down stop at minimum dim (not dim off) - with next push, direction change(up/down) - dim up possible even if when unit is OFF	This model does not feature this button.	
	1 logic unit of LED (DT6,Brightness Dimming)	ON	ON	ON	Short Push ON/OFF Long Push : Dim up/down dim up stop at maximum; dim down stop at minimum dim (not dim off) - with next push, direction change(up/down) - dim up possible even if when unit is OFF	Short Push: no response Long Push: no response	
	4 logic unit of LED (DT6,Brightness Dimming)	ON	ON	OFF	4 control gears are synchronously controlled Short Push: ON/OFF Long Push: Dim up/down dim up stop at maximum; dim down stop at minimum dim (not dim off) - with next push, direction change(up/down) - dim up possible even if when unit is OFF	Short Push: no response Long Push: no response	
DA2Q Type	1 logic unit of colourtype RGBW (DT8, RGBW colour control) (factory default)	OFF	OFF	OFF	Short Push: ON/OFF Long Push: Dim up/down dim up stop at maximum; dim down stop at minimum dim (not dim off) - with next push, direction change(up/down) - dim up possible even if when unit is OFF	Short Push: Switch to "W channel control" or "RGB color control". Long Push: Dimming "W channel control" or "RGB color control". -W channel control: Long press to dim up stop at maximum. Long press to dim down stop at minimum(0). -RGB color control: Long press to change RGB color.	
	1 logic unit of colour type Tc (DT8, Tunable white control)	ON	OFF	OFF	Short Push: ON/OFF Long Push: Dim up/down - dim up stop at maximum; dim down stop at minimum dim (not dim off) - with next push, direction change(up/down) - dim up possible even if when unit is OFF	Short Push: ON/OFF Long Push: Dim2Warm - The color temperature warms up while the brightness dims, and the color temperature cools down while the brightness brightens. - dim up stop at maximum; dim down stop at minimum dim (not dim off) - with next push, direction change (up,cooler/down,warmer) - dim up possible even if when unit is OFF	



Model		Dip Switch		1	PUSH 1 for brightness	PUSH 2 for colour	
wodei		1	2	3	POSH Flor brightness	POSH 2 IOI COIOUI	
DA2Q Type	2 logic units of colour type Tc (DT8. Tunable white control)	OFF	ON	OFF	control gears are synchronously controlled Short Push: ON/OFF Long Push: Dim up/down dim up stop at maximum; dim down stop at minimum dim (not dim off) with next push, direction change(up/down) dim up possible even if when unit is OFF	2 control gears are synchronously controlled Short Push: ON/OFF Long Push: Dim2Warm - The color temperature warms up while the brightness dims, and the color temperature cools down while the brightness brightens. - dim up stop at maximum; dim down stop at minimum dim (not dim off) - with next push, direction change (up,cooler/down,warmer) - dim up possible even if when unit is OFF	
	(2 logic units) (1 logic unit of DT6) (1 logic unit of colour type Tc)	OFF	OFF	ON	Only the DT6 device responds Short Push: ON/OFF Long Push: Dim up/down - dim up stop at maximum; dim down stop at minimum dim (not dim off) - with next push, direction change(up/down) - dim up possible even if when unit is OFF	Only the DT8 device responds Short Push: ON/OFF Long Push: Dim2Warm - The color temperature warms up while the brightness dims, and the color temperature cools down while the brightness brightens. - dim up stop at maximum; dim down stop at minimum dim (not dim off) - with next push, direction change (up,cooler/down,warmer) - dim up possible even if when unit is OFF	

※ DALI interface(4 channels output, for DA2Q Model)

* DALI	Interfac	e(4 chani	nels output, for DA2Q Model)			
Dip Switch			Application	Output channels	Output connections schematic diagram	
ON	ON	ON	1 logic unit of LED (DT6,Brightness Dimming)	1 control gear 1 DALI address	Output Terminal 4/-W 3/-B 2/-G 1/-R +V +V W.W. C.W. W.W. C.W. +V	
ON	ON	OFF	4 logic units of LED (DT6, Brightness Dimming)	4 control gears 4 DALI addresses	Output Terminal 4/-W 3/-B 2/-G 1/-R +V +V W.W. C.W. W.W. C.W. +V	
OFF	OFF	OFF	1 logic unit of colour type RGBW (DT8, RGBW colour control) (factory default)	1 control gear 1 DALI address	Output Terminal 4/-W 3/-B 2/-G 1/-R +V +V W.W. C.W. W.W. C.W. +V +V	
ON	OFF	OFF	1 logic unit of colour type Tc (DT8,Tunable white control)	1 control gear 1 DALI address	Output Terminal 4/-W 3/-B 2/-G 1/-R +V +V W.W. C.W. +V +V	
OFF	ON	OFF	2 logic units of colour type Tc (DT8, Tunable white control)	2 control gears 2 DALI addresses	Output Terminal 4/-W 3/-B 2/-G 1/-R +V +V W.W. C.W. W.W. C.W. +V +V	
OFF	OFF	ON	2 logic units (1 logic unit of DT6) (1 logic unit of colour type Tc)	2 control gears 2 DALI addresses	Output Terminal 4/-W 3/-B 2/-G 1/-R +V +V W.W. C.W. W.W. C.W. +V	



