

Project :	Date :
Cat. No. :	Type :
Notes :	Volts :

This power supply is a constant voltage for indoor applications. Its plastic case make this device an excellent choice for industrial and domestic applications, Triac dimmable driver Forward and reverse phase compatible with MLV/ELV dimmer. Strong compatibility, flicker-free dimming.

Loading range 60% to 100%

This driver should be installed by qualified and professional person.



Model		NT-OTM-TD20-N12	NT-OTM-TD20-N24	NT-OTM-TD45-N12	NT-OTM-TD45-N24
output	DC Voltage	12V	24V	12V	24V
	Voltage Tolerance	±0. 5V		±0. 5V	
	Rated current	1. 67A	0. 83A	3. 75A	1. 87A
	Rated power	20W		45W	
input	Voltage Range	180~250VAC （or 90~130VAC）		180~250VAC （or 90~130VAC）	
	Frequency Range	47~63HZ		47~63HZ	
	Power Factor （Typ.）	PF≥ 0. 9		PF≥ 0. 92	
	Efficiency （Typ.）	80%	82%	82%	84%
	AC Current （Typ.）	0. 13A	0. 13A	0. 28A	0. 27A
	Leakage current	< 0. 70mA/220VAC		< 0. 70mA/220VAC	
Protection	Short Circuit	Hiccup mode, recovers automatically after fault condition is removed			
	Over Loading	≤120%			
Environment	Working TEMP.	-40~+60℃			
	Working Humidity	20~90%RH, non-condensing			
	Storage TEM.,Humidity	-40~+80℃, 10~95%RH			
	TEMP.coefficient	±0. 03%/℃ （0~50℃）			
	Vibration	10~500Hz, 2G 10min./1 cycle,period for 60min. each along X,Y,Z axes			
Safety&EMC	Safety standards	EN61347-1 EN61347-2-13			
	Withstand voltage	I/P-O/P: 3. 75KVAC			
	Isolation resistance	I/P-O/P: 100MΩ /500VDC/25℃/70%RH			
	EMC EMISSION	EN55015, EN61000-3-2, 3 （≥50%loading）			
	EMC IMMUNITY	EN61000-4-2, 3, 4, 5, 6, 11（Surge 4KV）			
Others	Net.Weight	0. 19Kg	0. 55KG		
	Size	140*45*27mm（L*W*H）	180*60*35mm（L*W*H）		
Notes	2. To extend the driver's using life ,please reduce the loading when start the drivers at lower input voltage. 3.Loading should be 60-100%				

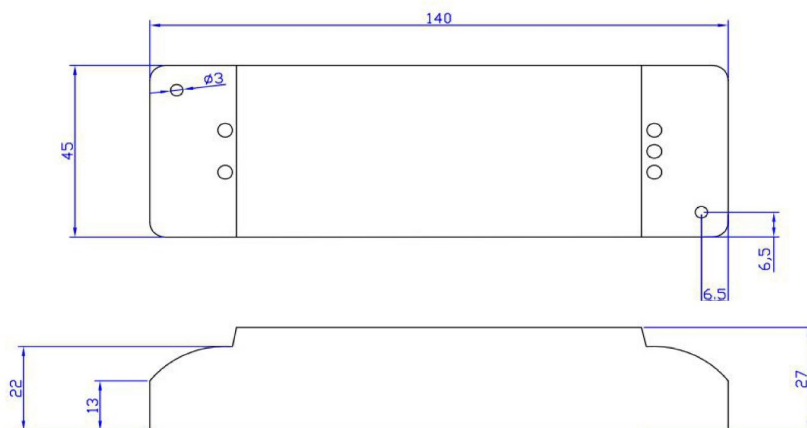
Natech Industrie

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This specification is valid as of 2022-10 and is subject to change without notice. Please confirm with the manufacturer before placing an order.
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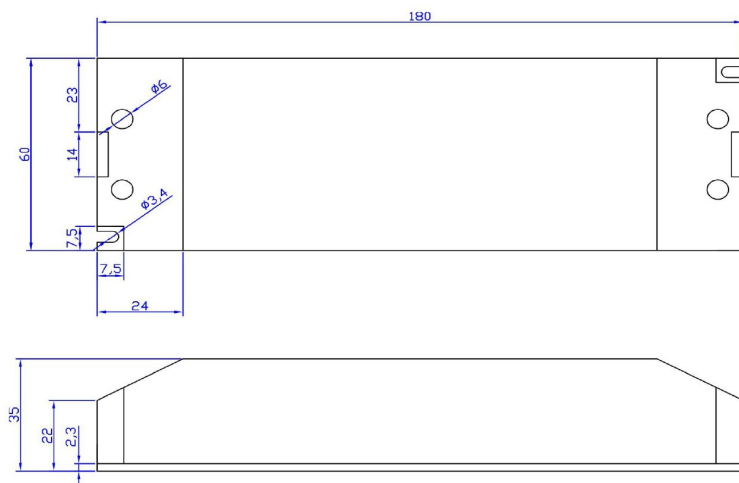
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NT-OTM-TD20-N12



※Input Brown with AC (L), Blue with AC(N)
※Output Red is (DIM+) ,Black is (DIM-)

NT-OTM-TD45-N12



※Input Brown with AC (L), Blue with AC(N)
※Output Red is (DIM+) ,Black is (DIM-)

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