

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-TD30-N12	NT-OTM-TD30-N24	NT-OTM-TD36-N12	NT-OTM-TD36-N24	NT-OTM-TD45-N12	NT-OTM-TD45-N24
output	DC Voltage	12V	24V	12V	24V	12V	24V	12V	24V
	Voltage Tolerance	±0.5V		±0.5V		±0.5V		±0.5V	
	Rated current	1.67A	0.83A	2.5A	1.25A	3A	1.5A	3.75A	1.87A
	Rated power	20W		30W		36W		45W	
input	Voltage Range	180~250VAC (or 90~130VAC)		180~250VAC (or 90~130VAC)		180~250VAC (or 90~130VAC)		180~250VAC (or 90~130VAC)	
	Frequency Range	47~63HZ		47~63HZ		47~63HZ		47~63HZ	
	Power Factor (Typ.)	PF≥0.9		PF≥0.9		PF≥0.9		PF≥0.92	
	Efficiency (Typ.)	80%	82%	82%	84%	82%	84%	82%	84%
	AC Current (Typ.)	0.13A	0.13A	0.19A	0.18A	0.23A	0.22A	0.28A	0.27A
	Leakage current	< 0.70mA/220VAC		< 0.70mA/220VAC		< 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%								

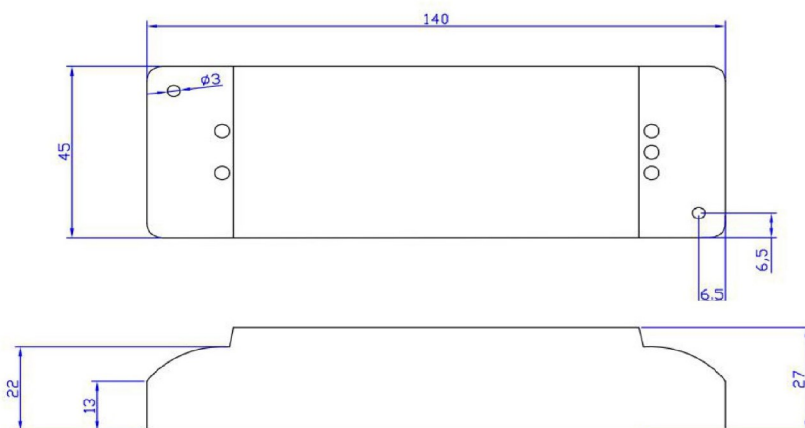
Natech Industrie

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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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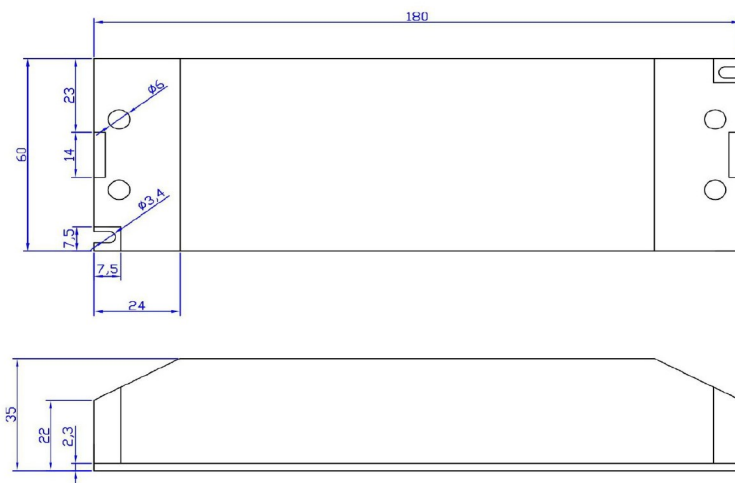
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NT-OTM-TD20-N12-N24



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

NT-OTM-TD30-N12/N24 / NT-OTM-TD36-N12/N24 / NT-OTM-TD45-N12/N24



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

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