



*Three-Phase Input
EMI/EMC Filter*

TSD
series



TSD-400/600

TSD-800/1000

MOTOR DRIVE SYSTEM / INDUSTRIAL / RENEWABLE ENERGY

400 / 600 / 800 / 1000A

NEW

TSD series



NEW

Model	TSD-400-186	TSD-600-186	TSD-800-356	TSD-1000-356
Rated Voltage	Three-Phase, Y-connection, 500VAC (528VAC max.), 50/60Hz		Three-Phase, Y-connection, 500VAC (528VAC max.), 50/60Hz 610VDC max.	
Rated Current	400A	600A	800A	1000A
Test Voltage (Terminal-Mounting Plate)	3,600VDC (Cutoff Current = 10mA), 1 minute at room temperature and humidity			
Leakage Current (250/500VAC 60Hz)	50mA/100mA max. (Y-connection)		100mA/200mA max. (Y-connection)	
DC Resistance	0.27mΩ max.	0.20mΩ max.	0.1mΩ max.	0.1mΩ max.
Operating Ambient Temp., Humidity	-40 to +85°C (Refer to Derating Curve), 20 to 95%RH (Non condensing)			
Safety Agency Approvals	UL60939 [Overvoltage Category: III Altitude: 3000m], CSA C22. 2 No. 8 (C-UL) EN60939 (DEMKO) [Overvoltage Category: III Altitude: 3000m], ENEC			
Case Size (without projection) (W x H x D)	210 x 125 x 360mm [8.27 x 4.92 x 14.17 inches]		190 x 155 x 346mm [7.48 x 6.10 x 13.62 inches]	
Weight	10.0kg max.	10.5kg max.	11.5kg max.	11.5kg max.

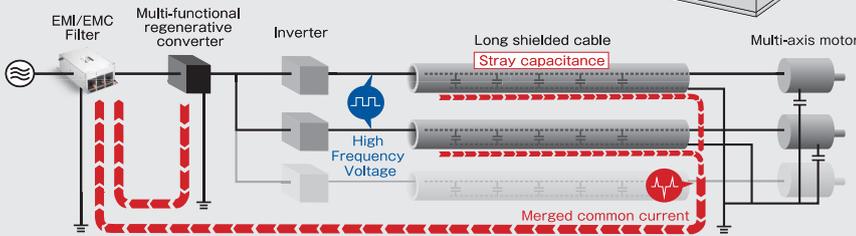
Point ①

Ideal for large facilities with power regenerative converters

Lifter

Transferred Machine

Built-in Air Conditioner

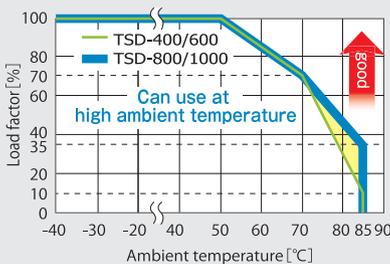


Point ②

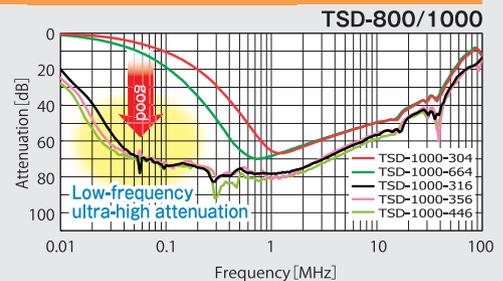
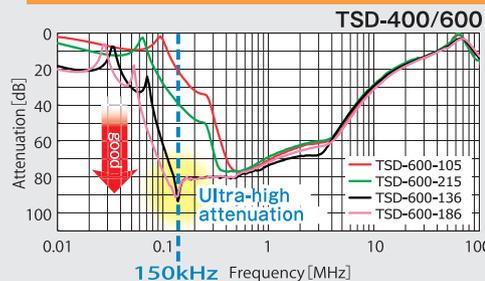
Grounding capacitor capacitance can be selectable

TSD-400/600	
Code	Leakage Current (250/500VAC 60Hz) Y-connection
105	3.5mA / 7mA max.
215	7.5mA / 15mA max.
136	40mA / 80mA max.
186	50mA / 100mA max.
TSD-800/1000	
Code	Leakage Current (250/500VAC 60Hz) Y-connection
000	50uA / 100uA max.
304	1.5mA / 3.0mA max.
664	3.5mA / 7.0mA max.
316	90mA / 180mA max.
356	100mA / 200mA max.
446	110mA / 220mA max.

Derating Curve



Attenuation Characteristic (Static Characteristic)



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