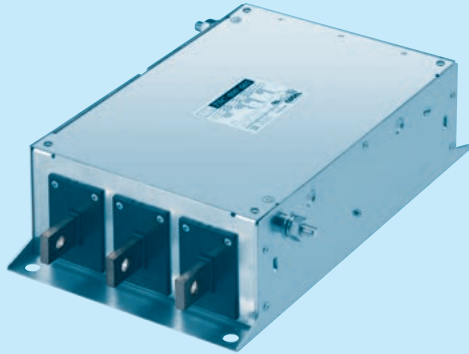


TSC series(400,600A)

TSC -600 -665 -□

① ② ③ ④



- ① Series Name
② Rated Current
③ Line to ground capacitor code: See table 1.1

table 1.1 Line to ground capacitor code

Code	Leakage Current	Line to ground capacitor (nominal value)		
	Upper row : Δ -connection Lower row : Y-connection	CY1	CY2	CY3
000*1	50 μ A/100 μ A max 50 μ A/100 μ A max	Not Provided	Not Provided	Not Provided
304*1	10.5mA/21.0mA max 1.5mA/3.0mA max	0.1 μ F	0.1 μ F	0.1 μ F
664*1	23mA/46mA max 3.5mA/7.0mA max	0.22 μ F	0.22 μ F	0.22 μ F
665*2	220mA/350mA max 20mA/40mA max	2.2 μ F	2.2 μ F	2.2 μ F

- * When the line to ground capacitor code is different, the attenuation characteristic is different.
* Please contact us about low leakage current type (Change to low grounding capacitor).
*1 Δ -connection : Input 250/500V 60Hz
Y-connection : Input 250/500V 60Hz
*2 Δ -connection : Input 250/400V 60Hz
Y-connection : Input 250/500V 60Hz

- ④ Option
H: Ultra high-attenuation type

Features of TSC series

- Ultra high-attenuation type of common mode noise from 150kHz to 1MHz (Multi-stage filter)
- Input and output terminals : Busbar type
- Target application: Solar photovoltaic system, Large production equipment
- Selectable leakage current value

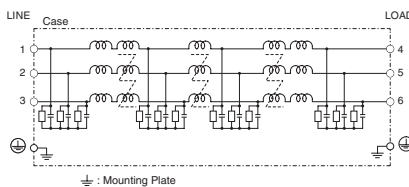
Specifications

No.	Items	TSC-400-665	TSC-600-665
1	Rated Voltage[V]	AC Three Phase 500(voltage range:528 max)	50/60Hz *3
2	Rated Current[A]	400	600
3	Test Voltage (Terminal-Mounting Plate)	3,600 VDC (Cutoff Current = 10mA), 1minute at room temperature and humidity	
4	Leakage current 250/500V 60Hz	20mA/40mA max (Y-connection)	
5	DC resistance	0.27m Ω max	0.2m Ω max
6	Safety agency approval temperatures	-25 to +85°C (Refer to Derating Curve)	
7	Operating temperature	-40 to +85°C (Refer to Derating Curve)	
8	Operating humidity	20 to 95%RH (Non condensing)	
9	Storage temperature/humidity	-40 to +85°C/20 to 95%RH (Non condensing)	
10	Vibration	10 to 55Hz, 9.8m/s ² (1G), 3min. Period, 1hour each X, Y and Z axis	
11	Impact	98.1m/s ² (10G), 11ms Once each X, Y and Z axis	
12	Safety agency approvals	UL1283, CSA C22.2 No.8 (C-UL) , DIN EN60939 VDE0565 Teil3-1, ENEC	
13	Case size (without projection)	210 X 100 X 360 mm [8.27 X 3.94 X 14.17 inches] (W X H X D)	
14	Weight	9.5kg max	10.0kg max

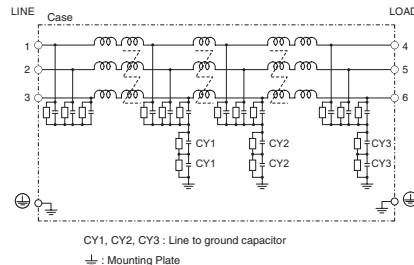
*3 Only capacitor code "665", Three Phase Δ -connection : 400 (440 max), Y-connection : 500 (528 max)

Circuit Diagram

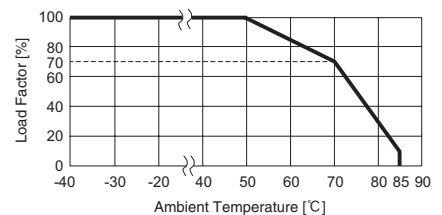
(1) Line to ground capacitor code : 000



(2) Line to ground capacitor code : 304, 664, 665

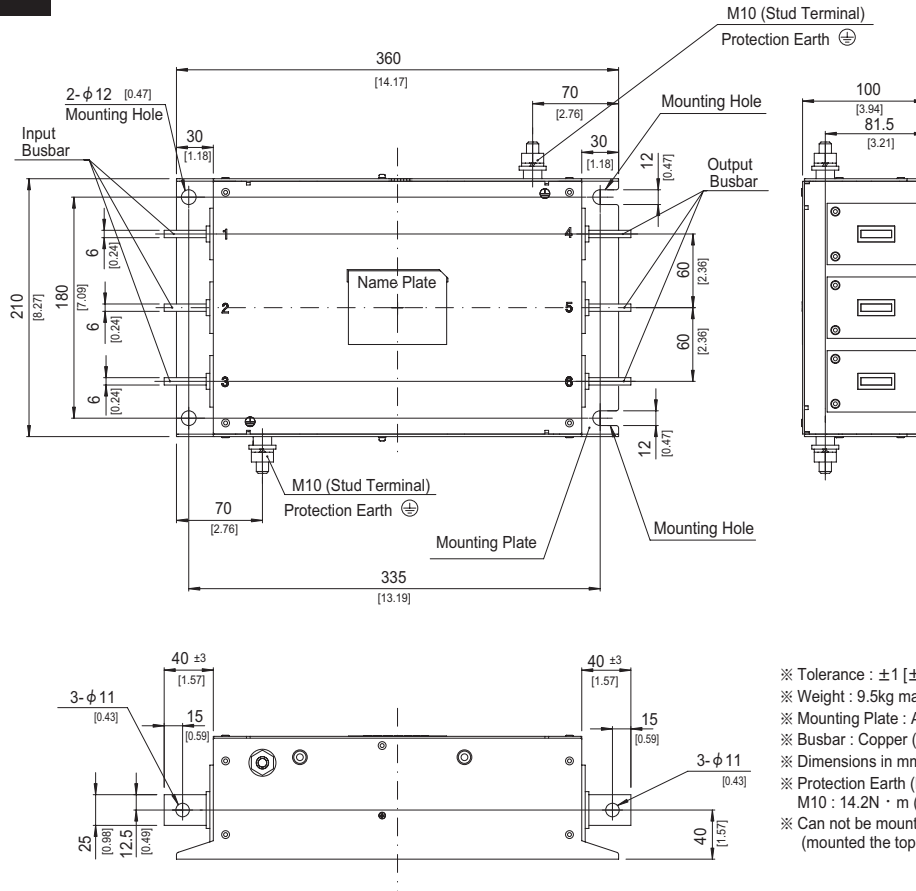


Derating Curve



External view

TSC-400



TSC-600

