

PH Series

(Warranty of 2,000 hours at 85°C)

Features

- PH series is products developed for the purpose of reducing the in-series connection numbers in a high-pressure circuit, such as an inverter and a power supply.



Product Specifications

Items	Specifications
Rated Temperature Range	-25°C ~ +85°C
Rated Voltage	600V.DC
Capacitance Tolerance	±20% (20°C、120Hz)
Leakage Current	0.01CV (μA) or 5 (mA), whichever is the smaller

[C = nominal capacitance (μF), V = Working voltage (V)]

Standard value and case size

No.	Rated Voltage V. DC	Surge Voltage V. DC	Nominal Capacitance (μF)	Part number	tanδ (max) 20°C, 120Hz	Permissible Ripple current (Arms) 85°C, 120Hz	case size	
							Code	ΦD * L (mm)
01	600	650	1,200	PH600V122□	0.20	6.7	D10R	64 · 96
02	600	650	1,500	PH600V152□	0.20	8.1	D12R	64 · 115
03	600	650	1,800	PH600V182□	0.20	8.8	E10R	77 · 96
04	600	650	2,200	PH600V222□	0.20	10.4	E12R	77 · 115
05	600	650	2,700	PH600V272□	0.20	12.1	E13R	77 · 130
06	600	650	3,300	PH600V332□	0.20	14.3	F13R	90 · 131
07	600	650	4,700	PH600V472□	0.20	18.3	F16R	90 · 157

□: bracket type (Y or I)

Terminal permissible currents : 60 Arms for M5 ; 100 Arms for M6
Please use this type of capacitor at a terminal current below the permissible.