

GHOPC-410 GHOPC-600

THYRISTOR BY-PASS DEVICE

GHOPC is a one pole parallel device designed to by-pass the thyristor of the soft-starter. This device can only make and break the current across the terminal of the turn-on thyristor (Voltage about 2V).

GHOPC is produced in two size (410 and 600A) with three standard control voltage supply (110-120 V ac, 220-240V ac, 24V dc)

The products are RoHS compliant and all the plastic material are UL approved.

Type	Current rating	
Control voltage	410 A	600 A
110-120V ac / 97V dc (A)	GHOPC-410 A Cod.41113534	GHOPC-600 A Cod.41113539
220-240V ac / 196V dc (B)	GHOPC-410 B Cod.41113535	GHOPC-600 B Cod.41113540
24V dc (Z)	GHOPC-410 Z Cod. 41113532	GHOPC-600 Z Cod. 41113538

Applicable standard:
IEC 60947-4-1 sequence 1
verification of temperature rise
verification of operation and operating limits
verification of dielectric properties

Main characteristic

Type	GHOPC-400	GHOPC-600
Ith (A)	410 ⁽¹⁾	600 ⁽¹⁾
Ui(V)	690	690
Uimp (KV)	Main	6
	Control	4
Overload withstand capacity	8xIn for 100ms	
Mechanical durability	10 ⁶ operations	
Electrical durability	4 x 10 ⁵ operations	

Operating temperature range	-25 +40°C (1)
Storage temperature range	-55 +80°C (1)
Pollution degree	3
Weight (Kg)	1

Control voltage	Pick-up	85%<Uc<110%
	Drop-out	10%<Uc<75%
Consumption (W)	In-rush	13.5
	Sealed	min. 1.7

(1) Up to 60°C by derating of current of 2%/°C and by reducing the coil voltage to 35%.

A separate feeder group for this purpose is supplied separately

