



GOG9xx16

3-PHASE FULLY CONTROLLED RECTIFIER BRIDGE

Fuse protection

Temperature sensors

Snubber for SCR's protections

LINE VOLTAGE UP TO **500 V**
RMS OUTPUT CURRENT **1600 A**

	GOG95016	GOG94016
Line to line voltage	500 V	400 V

Characteristic		Conditions	Value
I _{RMS}	R.M.S. output current		1600 A
V _{INS (rms)}	Insulation voltage		3000 V

THYRISTOR TRIGGERING CHARACTERISTICS

V _{GT}	Gate trigger voltage	T _j = 25 °C, V _D = 5 V	3.5 V
I _{GT}	Gate trigger current	T _j = 25 °C, V _D = 5 V	300 mA

FUSE TYPE SIBA 2068132.1000

V _{NF}	Rated voltage		690 V
I _{NF}	Rated current		1000 A
P _{NF}	Power loss	At rated current	131 W
I ² t		Line voltage 500 V	662 kA ² s

MECHANICAL AND THERMAL CHARACTERISTICS

	Width		585 mm
	Depth		740 mm
	Height		335 mm
	Mass		70 kg
T _{a max}	Max ambient operating temperature		40 °C
T _{stg}	Storage temperature		-40 / 125 °C