



TRANSFORMER FOR THYRISTOR CONTROLLED RECTIFIERS

Application Areas

Coating Plants
Chemical Manufacturers
Treatment Plants

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MODEL	Thyristor Controlled Rectifiers
INPUT	
Number of Input Phase	Mono Phase - 2 Phase - 3 Phase
Input Voltage Toleration	± % 10
Input Frequency	50 - 60 Hz
OUTPUT	
Output Power	100 A - 100.000 A
Output Voltage	5V - 1000V / (240 - 415 VAC optional)
Output Ripple	6 pulse %4 12 pulse %1
GENERAL	
Cooling	Air-Water-oil cooling
Insulation Voltage	1500 VAC btw in.&ch., 500 VAC btw out.&ch., 500 VAC btw in.&out.
Bath Temperature Control	Cooling system in given limits
Efficiency	85 / 95 %
Working Temperature	- 20 / 50 °C
Programmed Working	Special operation is applied to each process
Input Output Connections	Thermic magnetic cirwit Breatrer / Busbar
PROTECTION	
Heat Protection	Input / Output overheat protection
Measurement	Output overcurrent protection
TRANSFORMER	
Loom	Electrolytic glass insulated copper winding
Tinplate	10.000 Gauss silicic tinplate
INDICATORS	
LCD Screen	4 x 16 - 2x16 Line
PLC	S71200 - S7300
Automation	Madbus / Profibus / ProfilNET / RS232 / RS 485

TECHNICAL FEATURES

DIMENSIONS			
SAFE CODE	G (mm)	D (mm)	H (mm)
1000 - 2000 A	600	775	1195
2000 - 4000 A	600	975	1695
4000 - 6000 A	700	925	1595
6000 - 8000 A	900	1125	1695
8000 - 10000 A	900	1225	1795
10000 - 15000 A	1100	1500	1820

