

Phase-Sequence Correction Device (PCD)

250 - 500 kVA

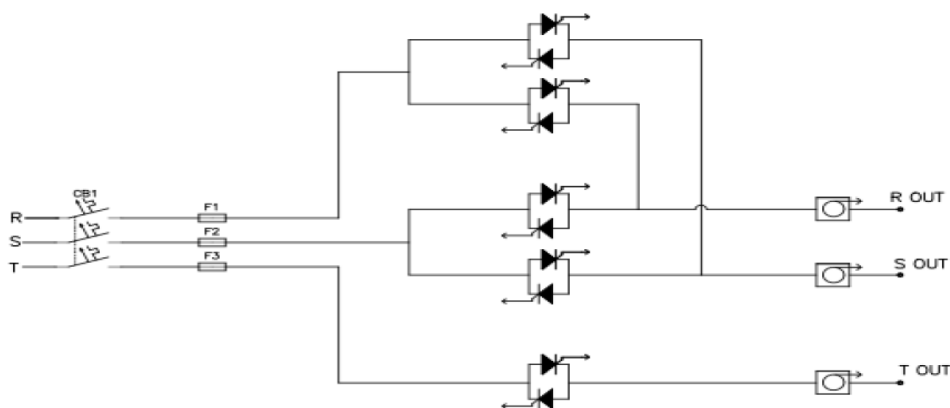


Products

Phase sequence corrector Device (PCD) designed to correct whenever RYB sequences interchanges. Maintains three phase supply in a correct sequence all the time between phases.

The "PCD" are PCD dedicated to a professional usage in an industrial and commercial environment.

Phase-Sequence Correction Device (PCD) "PCD" models, marked CE and used following the instructions listed below, have the essential requirements to comply with the EMC directive 89/336 e 92/31 a 93/68 ECC.



BLOCK DIAGRAM

TECHNICAL SPECIFICATION

MODEL	PCD250 / PCD300 / PCD400 / PCD500
Nominal current	360A / 430A / 575A / 720A
ELECTRICAL DATA	
Input voltage (Ph-Ph)	380-400-415 VAC 3PH+N+Earth
Input voltage tolerance	180-264 VAC (PH-N)
Input frequency	50Hz / 60Hz
Input frequency range	48-65 Hz (upper and lower limits adjustable)
Efficiency (at full load)	>99%
Input voltage THD	<%10
Transfer type	'Break before make"
Crest factor	3:1
Admissible overload	0%-100% continuous
	101%-150% 1 min
	151%-200% 10 seconds
Protections	Output overload and short circuit protection, overtemperature protection, SCR fault protection
LCD panel and mimic	Standard
Communication	RS232 Optional, RS485 optional
Dry contacts	Relay outputs Optional
Temperature sensor	Standard for internal cabinet temperature
ENVIRONMENTAL DATA	
Cooling	Forced cooling (redundant fans)
Operating temperature	0 - 40 °C
Storage temperature	-10 / +50 °C
Humidity (non- condensed)	<90%
Protection degree	IP20
Safety standard	EN62310-1
EMC	EN62310-2
Acoustic noise	<52 dBA
MECHANICAL DATA	
Dimensions (WxDxH)(cm)	80x120x145
Weight (kg)	140