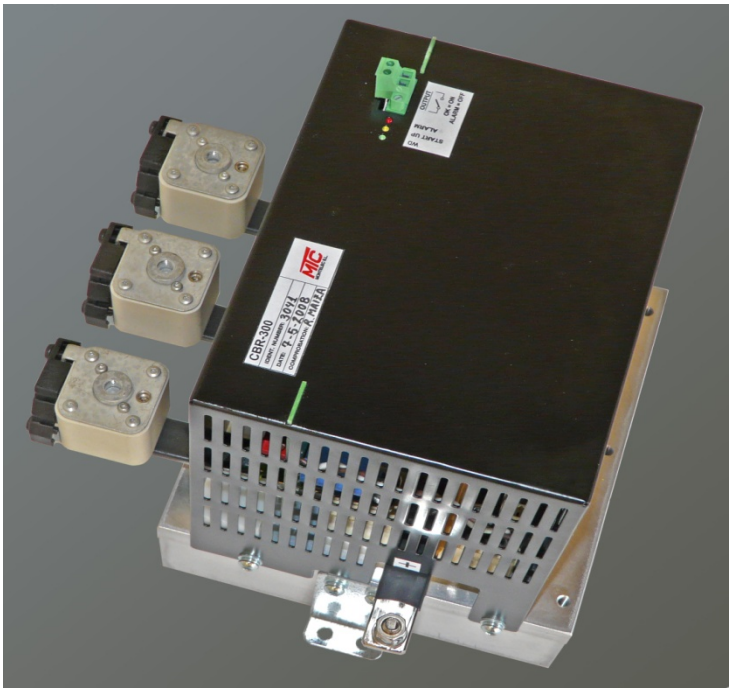
SEMICONTROLLED RECTIFIER CBR

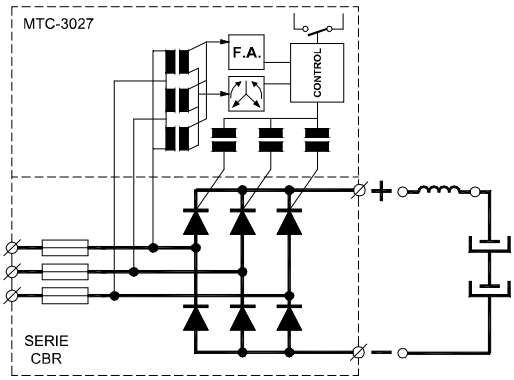
DESCRIPTION

- The equipment realizes a progressive load, we avoid the over current peak at the beginning and during the load.
- It is necessary the placement of an inductance at the input and output of the equipment to fulfill the EMC requirements.
- Requires 24 v external power supply for the equipment control
- There is a signal relay, its contact remains closed whenever the 3 input phases are present and with not over heating on it.
- In order to minimize the number of models, the smallest equipment CBR 300, with lower ventilation, less current is obtained , but in smaller space.



APPLICATION

Supply to equipments with capacitors
CBR = **S**emicontrollable, **T**hyristor, **R**ectifiers



ADDITIONAL DATA

(V_{IN}=400V, $T_{AMB.}$=40ºC, $Pressure_{ATM}$=1010mbar)

$V_{IN_{ADMISIBLE}\,(AC)} = 380V \div 500V$									
Code	Fuse (A)		(A*A)*s mod. Diodo/thyristor	$I_{INPUT\ RMS}$ (A)		$I_{OUT\ DC}$ (A)	Fan	Dissip.dimens (mm) (without fan)	
	Incorporated	Ref						Long	Wide
CBR 300	350	170M3468	125.000	3x	164	200	RG-160-28	200	215
CBR 300	350	170M3468	125.000		185	330	SKF-16B	200	215
CBR 500	550	170M3472	320.000		450	550	SKF-16B	200	215
CBR 800	800	170M4468	1.125.000		675	825	SKF-16A	300	260
OTHER	Under request.								
$V_{IN_{ADMISIBLE}\,(AC)} = 210V \div 350V$									
Code	Fuse (A)		(A*A)*s mod. Diodo/thyristor	$I_{INPUT\ RMS}$ (A)		$I_{OUT\ DC}$ (A)	Fan	Dissip.dimens (mm) (without fan)	
	Incorporated	Ref						Long	Wide
CBR 320	350	170M3468	125.000	3x	185	330	SKF-16B	200	215