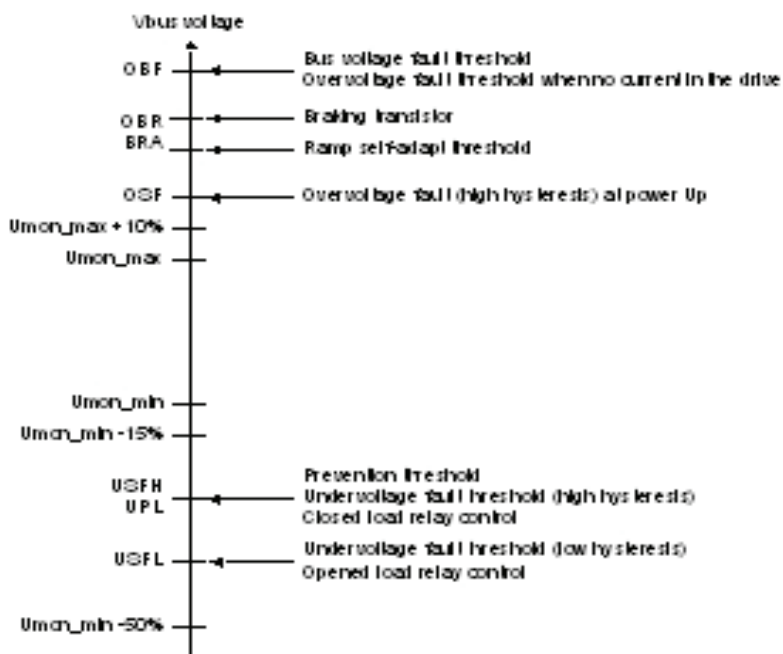


## USF : Under Voltage

Automatic Restart : YES

This fault appears when the voltage measured on the DC bus is lower than a level depending on the main voltage parameter Ures:



Principe

USFH UPL	Closed load relay control. Prevention threshold for control stop function.
USFL	Opened load relay control
USF_min – 50%	Opened min load relay control ( configuration of parameter USL)

Principe

Range	Ures	USFL min	USFL max	USFH
N4	380Vac	268Vdc - 190Vac	360Vdc – 255Vac	430Vdc– 304Vac
	400Vac	287Vdc - 203Vac	360Vdc – 255Vac	430Vdc– 304Vac
	440Vac	325Vdc - 230Vac	360Vdc – 255Vac	430Vdc– 304Vac
	460Vac	342Vdc - 242Vac	360Vdc – 255Vac	430Vdc– 304Vac
	480Vac *	360Vdc - 255Vac	360Vdc – 255Vac	430Vdc– 304Vac
M3	200Vac	140Vdc - 100Vac	200Vdc – 141Vac	230Vdc– 163Vac
	220Vac	160Vdc - 113Vac	200Vdc – 141Vac	230Vdc– 163Vac
	240Vac	180Vdc - 127Vac	200Vdc – 141Vac	230Vdc– 163Vac
	260Vac *	200Vdc - 141Vac	200Vdc – 141Vac	230Vdc– 163Vac
Y	500Vac	354Vdc– 250Vac	488Vdc– 345Vac	571Vdc– 404Vac
	600Vac	424Vdc– 300Vac	488Vdc– 345Vac	571Vdc– 404Vac
	690Vac *	488Vdc– 345Vac	488Vdc– 345Vac	571Vdc– 404Vac