

BUF : Braking Unit Fault		Automatic Restart : YES
Principe	* This fault appears only for the drives > 90kW. * This fault appears when there is a short-circuit on the output of the braking transistor (desaturation of the braking IGBT).	
Probable causes	* Short circuit inside the braking module. * Braking resistor in short circuit. * Short circuit to the ground. * BRA=NO (ramp autoadaptation) and no braking resistor.	
Remedies	* Check the wiring of the braking unit and the resistor. * Check the configuration of the drive.	
Experience Knew	Use macro configuration in hosting, in this case the BRA is set automatically to NO. If the braking resistor is not connected the next switch-on the drive trip on a BUF fault. With the version V1.1 IE02: separate control supply 24V then switch-on the drive after less than 1sec with DC bus completely discharged the drive trip on a BUF.	