LEVEL1 (Globale Beriebslimits)

	Oberer Alarm		Obere Warnung		Verzögerungszeit [ms]	Untere Warnung		Unterer Alarm	
rbsError	-	1	-	-	500	-	-	-	-
ebtCurrentActual	$I_{max,lim}$ + 10A	527 A	$I_{max,lim}$ + 5A	522 A	500	$I_{min,lim}$ - 5A	-605 A	$I_{min,lim}$ - 10A	-610 A
batteryCurrent	$I_{max,lim}$ + 10A	527 A	$I_{max,lim}$ + 5A	522 A	500	$I_{min,lim}$ - 5A	-605 A	$I_{min,lim}$ - 10A	-610 A
batteryCellVoltageMax	$U_{CELL,max,lim}$ + 0.002V	4.292 V	$U_{CELL,max,lim}$ + 0.001V	4.291 V	500	-	-	-	-
batteryCellVoltageMin	-	-	-	-	500	$U_{CELL,min,lim}$ - 0.001	1.999 V	$U_{CELL,min,lim}$ - 0.002	1.998 V
batteryPackVoltage	$U_{BAT,max,lim}$ + 12x 0.002V	51.504 V	$U_{BAT,max,lim}$ + 12x 0.001V	51.492 V	500	$U_{BAT,min,lim}$ - 12x 0.001	23.988 V	$U_{BAT,min,lim}$ - 12x 0.002	23.976 V
batteryLinkVoltage	$U_{BAT,max,lim}$ + 12x 0.002V + ΔU_{Link} <>U_{Batt}	52.204 V	$U_{BAT,max,lim}$ + 12x 0.001V + ΔU_{Link} <>U_{Batt}	52.192 V	500	$U_{BAT,min,lim}$ - 12x 0.001 - ΔU_{Link} <>U_{Batt}	23.288 V	$U_{BAT,min,lim}$ - 12x 0.002 - ΔU_{Link} <>U_{Batt}	23.276 V
batTemperature batTemperature Min batTemperature Max	batTemperature_max_{lim} + 3°C	75 °C	batTemperature_max_{lim} + 2°C	74 °C	1000	batTemperature_min_{lim} - 2°C	-42 °C	batTemperature_min_{lim} - 3°C	-43 °C