

SIBRE Status Monitoring



Features

- One SSM can handle up to 4 brakes (Brake 2, 3 & 4 have to be equipped with an auxiliary enclosure by using a cable type 14x1 mm²)
- Power supply 24 V - DC
- Industrial 5" TFT- Touchscreen
- Ambient temperature range -15 °C - +70 °C
- Main enclosure 200x200x120 mm & Auxiliary enclosure 110x110x55 mm, IP 54
- Brake operation cycle counter and operating hours counter
- Digital sensor signals can be directly connected to the main PLC
- Options:
 - Stainless steel housing
 - ProfiNet
 - ProfiBus
 - CanBus } All global system data and live data of the brakes are transferred by BUS system to the main PLC

Parts of SSM

- Digital sensors (inductive) to indicate the status
 - Brake open
 - Brake closed
 - Manual release
 - Pad wear } Brake open OR Brake closed is necessary
- Pad temperature (2x Pt100)
- Analog sensors (4-20 mA)
 - Reserve stroke
 - Clamping force OR braking torque