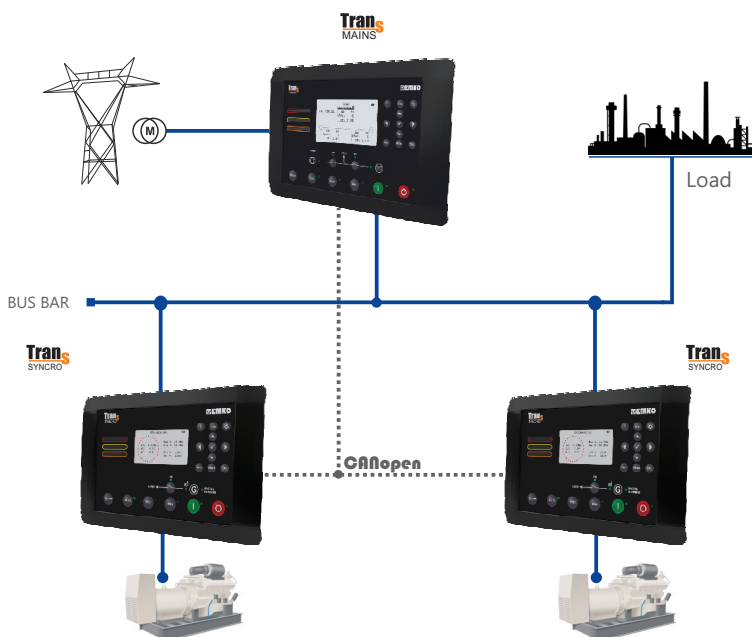


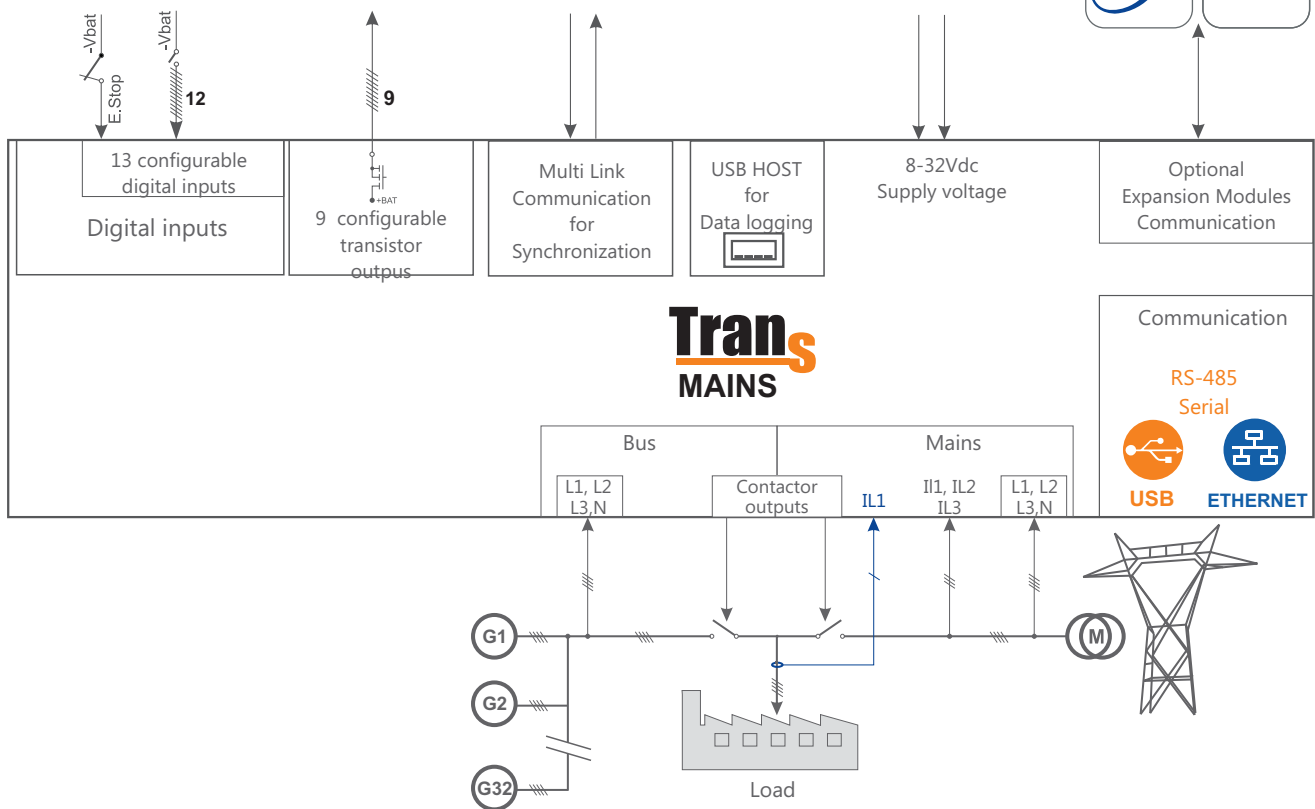
## Automatic Transfer & Load Share Unit with Mains



- Load sharing with genset (up to 32 gensets)
- Busbar voltages and frequency measurements
- Bus failure detection
- Peak lopping (mains or genset)
- Power export to mains
- Mains de-coupling protection with R.O.C.O.F and vector shift methods
- Volts, frequency and phase matching
- Synchroscope display
- Logic Controller functionality for PLC

- ▶ **Warning & Electrical trip**
  - Mains rocof
  - Mains vector shift
  - Minimum genset
- ▶ **Fail Monitoring**
  - Emergency stop
  - Mains failure
  - Bus failure
- ▶ **Alarm**
  - Bus breaker not opened
  - Bus breaker not closed
  - Mains breaker not opened
  - Mains breaker not closed
- ▶ **Error**
  - Battery low
  - Battery high
  - Can open
  - Synchronization
  - Minimum genset
- ▶ **Controls**
  - Mains supply
  - Automatic genset start
  - Load transfer
  - Load sharing





Dimensions	: 276 mm x 189 mm x 45 mm. (including connectors). Plastic housing for panel mounting.
Panel Cut-Out	: 223mm x 162mm.
Protection	: IP65 at front panel.
Weight	: Approximately 0,82 Kg.
Environmental rating	: Standard, indoor at an altitude of less then 2000 meters with non-condensing humidity.
Operating/Storage Temperature	: -20°C to +70°C / -30°C to +80°C
DC Battery Supply Voltage	: 8 to 32 V dc. Max. operating current is 860 mA.
CT secondary	: 5A.

Order Information	
Trans-MAINS	Synchronising & Automatic Transfer Switch