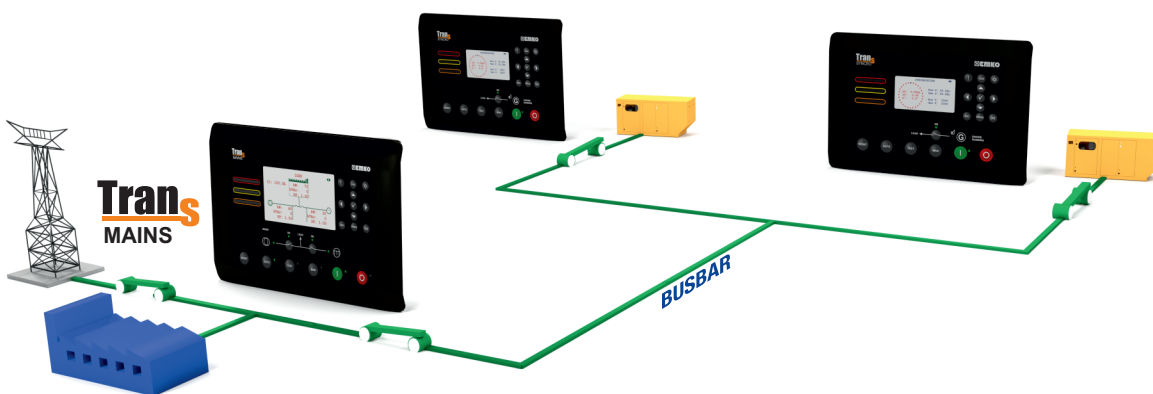


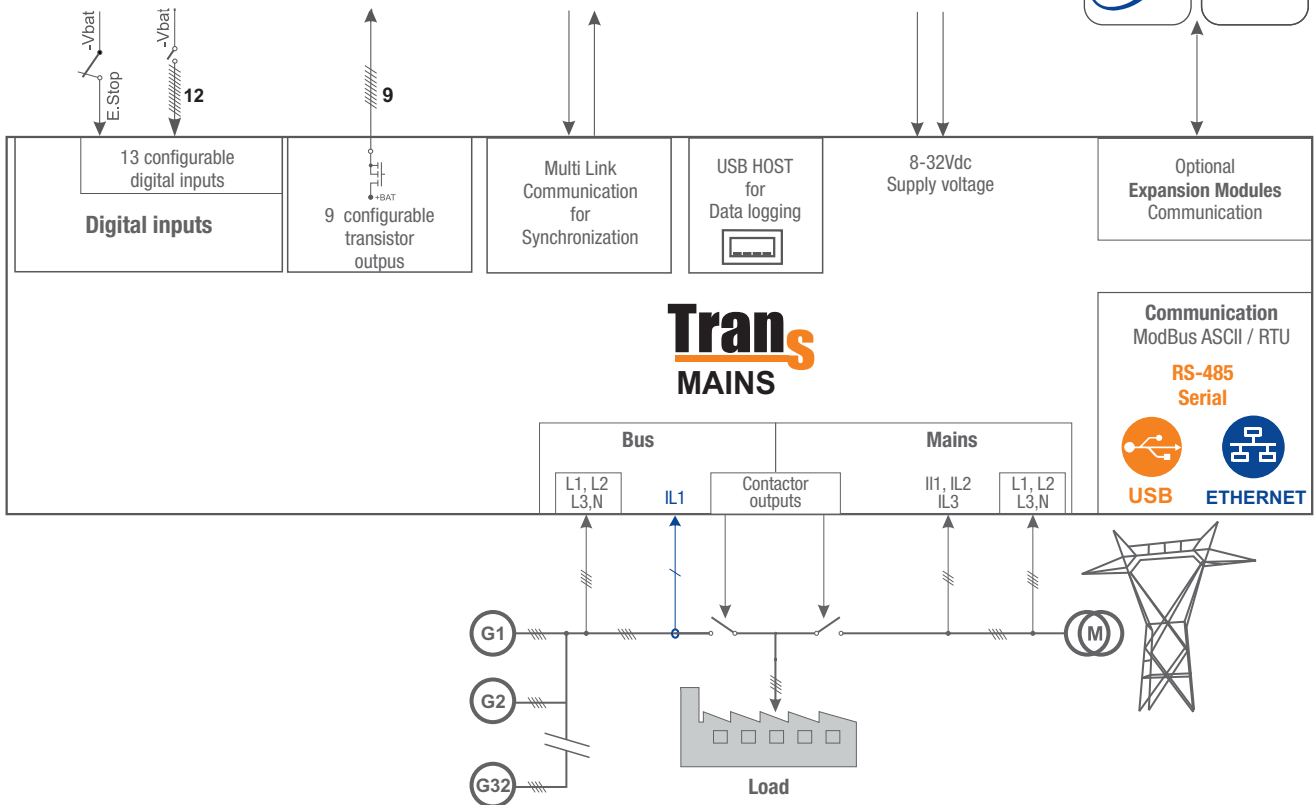
Automatic Transfer & Load Share Unit with Mains



- 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. |
| Sender Measurement | : 0 to 1300 ohm, accuracy: 1 % FS, resolution: 1 ohm. |
| Communication interface | : USB programming and communication port, CanOpen, Ethernet, RS485. |

Order Information

Trans-MAINS

Synchronising & Automatic Transfer Switch