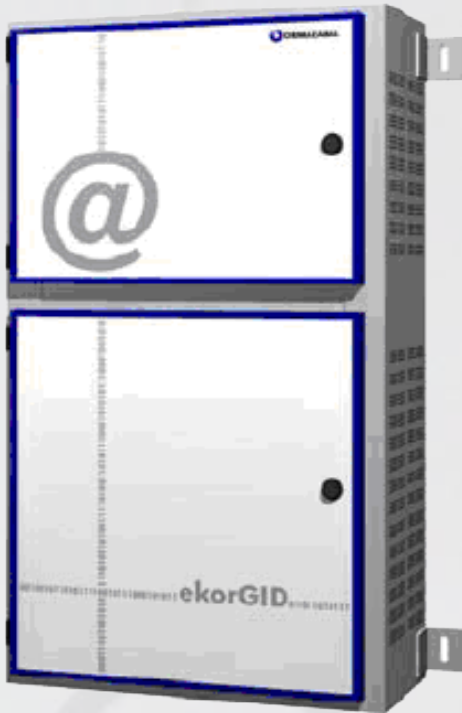


ekorSYS units: protection, telemanagement & communication

ekorGID

Smart distribution management unit

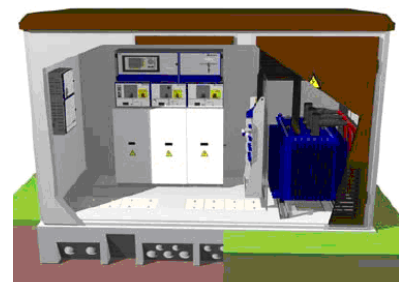


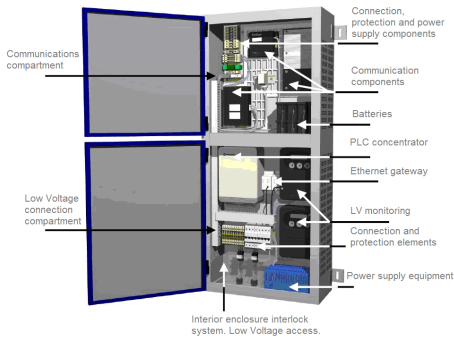
The smart distribution management unit includes the telemanagement, monitoring and automation of Low Voltage networks and the communication required for transformer substations.

- Factory-assembled and factory-tested unit.
- It allows the progressive installation of the elements required for each phase of the development of the transformer substation
- It maintains insulation levels and protects the connections
- Minimum space requirements
- Maximum accessibility and ergonomics

APPLICATIONS

- Transformer or Switching Substations:
 - Smart Grids: collect and process information from Low Voltage customer meters.
 - Monitoring of the Low Voltage network: measure and management of the electric variables of Low Voltage consumption.
 - Monitoring of the Medium Voltage network: measure and management of the electric variables of Medium Voltage consumption, alarms from the Transformer Substation and faults.
 - Automation of the Medium Voltage network.





Technical Characteristics

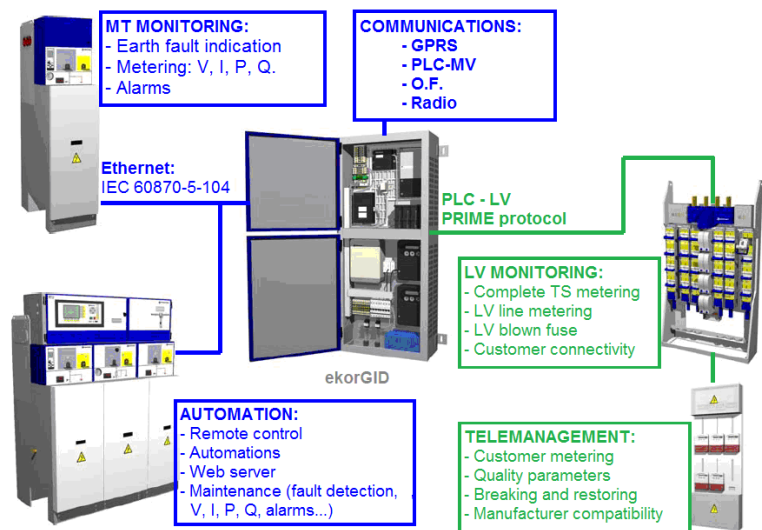
Power supply	[V _{ac}]	230
Insulation	[kV]	10
Maximum consumption	[W]	50
Frequency	[Hz]	50

Mechanical design

Maximum dimensions	Height	Width	Depth	
ekorGID-I-S (basic)	[mm]	900	500	170
ekorGID-I-L (standard)	[mm]	1150	500	170
Internal dimensions (communications compartment)				
ekorGID-I-S (basic)	[mm]	337	497	147
ekorGID-I-L (standard)	[mm]	487	497	147
Weight	[kg]	40*		
IP rating according to UNE 20324			IP32D	

(*) Weight of ekorGID-I-S

- ➔ It acts in association with the ekorUCT compact remote control unit or with the compact cubicle with CGMCOMOS-2LPT (up to 24 kV) or CGM.3-2LPT (up to 36 kV) remote control equipment.
- ➔ It enables a communication link between the Dispatching Centre and the corresponding elements for the monitoring and automation functions.



CONFIGURATOR



Cabinet sizes:

- S - Basic size: never has power supply equipment
Automated substation
- L - Standard size: always has power supply equipment
Telemanaged or supervised substation

Power supply:

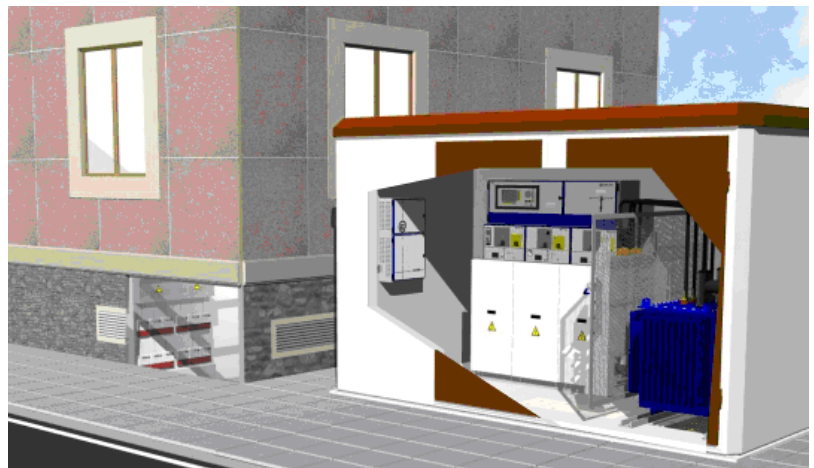
- ø - Without power: power supplied from the ekorUCT or CGMCOMOS-2LPT / CGM.3-2LPT
- A - With power supply equipment and batteries

LV supervision:

- 1BT - Monitoring of the Low Voltage network
(a single Medium/Low Voltage transformer in the Substation)
- 2BT - Two Low Voltage network supervisions
(two Medium/Low Voltage transformers in the Substation)

MV supervision:

- ø - Without monitoring of the Medium Voltage network
- MV - With monitoring of the Medium Voltage network



- ➔ Not all the combinations of this configurator are possible. Please ask our Technical-Commercial Department about availability of models.