OGYD DGYD

PROTECTA HUNGARY

EUROPROT+

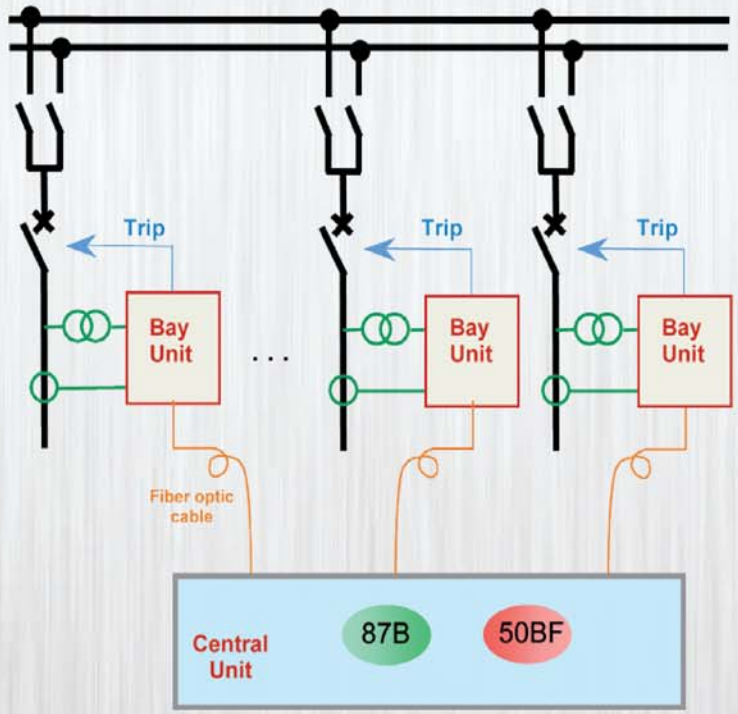
Use OGYD and DGYD products in decentralized and centralized busbar protection applications. OGYD: up to 30 feeders with one central unit and bay units for each feeder. Bay units can be integrated in fully independent overcurrent or distance protections. DGYD: up to 18 feeders in 3 units or 6 feeders in 1 unit. True subcycle trip. Single bus, breaker and half busbar, double bus, triple bus configurations.

Native IEC 61850 compatibility

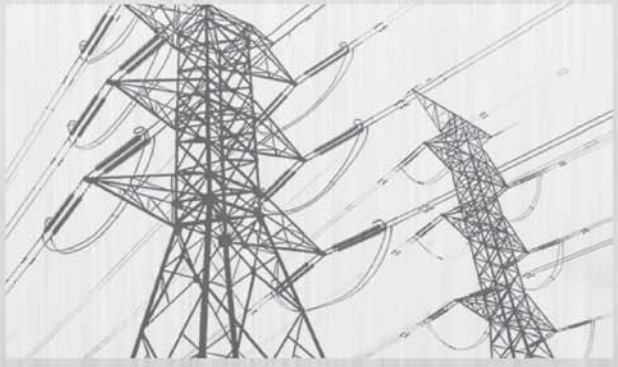
COLOR TFT TOUCHSCREEN
QVGA (320 x 240) 65536 color 3.5" (optionally 5.7") TFT display

- Biased differential characteristics
- Enhanced CT saturation detection: stable decision from 1.5 ms saturation free current
- On-the-fly replica of multi-section busbar using switch positions
- Check-zone functionality
- Dead zone protection
- Breaker failure protection
- Directional check
- Open CT detection

OGYD



- Use your web browser for complete device handling
- High capacity heavy duty trip contacts: 4A 220V DC breaking capacity
- Enhanced breaker monitoring
- Built-in PLC for user logic
- Full bay control feature



PROTECTION, AUTOMATION & CONTROL

DGYD – CONFIGURATIONS

Configurations		E11	E31	E32	E33	E34	E35
IEC	ANSI						
$3I_0T >$	87B	X	X	X	X	X	X
CBFP	50BF	X	X	X	X	X	X

Version	Recommended application
E11	In this version the configuration consists of three identical devices processing the phase currents separately for the phases. To be applied for max. 12 bays, max 4 busbar sections.
E31	In this version the configuration measures three phase currents in max. 3 bays of 1 busbar section.
E32	In this version the configuration measures three phase currents in max. 4 bays of 1 busbar section.
E33	In this version the configuration measures three phase currents in max. 5 bays of 1 busbar section.
E34	In this version the configuration measures three phase currents in max. 6 bays of 1 busbar section.
E35	In this version the configuration measures three phase currents of max. 6 bays in up to 2 busbar sections.

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