InteliPro

UTILITY PROTECTION RELAY

Connecting to the grid?

You need InteliPro for generators connected to distribution network

Designed to meet utility protection requirements. This highly flexible relay combines standard and optional features to protect your decentralized energy investments. Advanced communications, remote monitoring and data/event logging make InteliPro an ideal solution for your smart applications.

Unique flexible protection

▷ Enable the appropriate functions required by your utility

▷ Choose what you need from InteliPro optional features list

▷ Detailed history log fully records the nature of mains disturbances, even brown-outs are fully recorded

▷ Watchdog reporting provides increased reliability of the installation

▷ Door-mount possibility with clear graphical display allows full accessibility

▷ Password protection ensures settings are fully secured

▷ Advanced on-line communication notifies you immediately of changes in your mains-connection

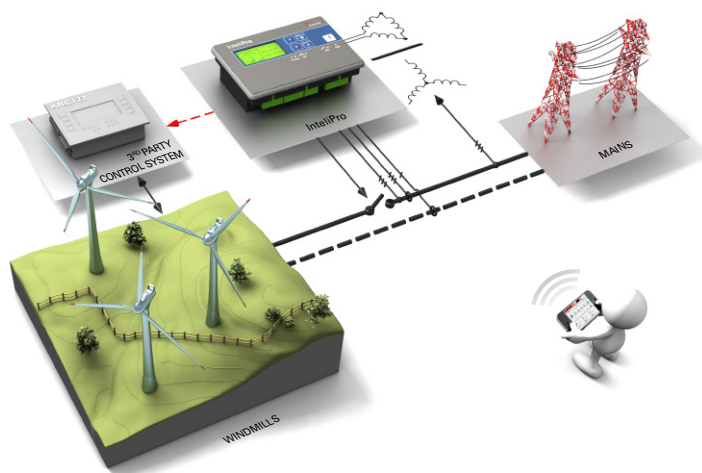**Designed to comply to the following statutory codes**

▷ IEC 60255

▷ G10, G83, G59/2

▷ IEEE1547

▷ VDE-V-0126-1-1

▷ UL508

▷ BDEW

▷ CEI 0-16

Supports ComAp advanced communication technologies.

AirGate
Modern communications made simple. ComAp's powerful AirGate technology is provided in a range of our controllers and makes remote internet connection to the ComAp controller easy. Just register the AirGate enabled controller on our website and from then on let ComAp's unique system locate and maintain contact with the controller, no need to worry about VPN's, Static IP addresses or corporate firewalls, simple! "AirGate – Simply connected."

WebSupervisor
The WebSupervisor system, a secure web based remote monitoring system which allows equipment fitted with various types ComAp units to be monitored via the internet from a remote PC or other web enabled device such as smartphone, webbook, etc. It operates in any internet browser and needs no special software to be installed. User can view recorded data from their equipment, receive Email alerts on alarms and control the remote units. Dedicated App's for iPhone and Android provide a truly mobile constant connection with the monitored equipment.

ComAp is a member of AMPS (The Association of Manufacturers of Power generating Systems).

ComAp products meet the highest standards, with every stage of production undertaken in accordance with the ISO certification obtained in 1998.

InteliPro protective functions

Protective functionality	ANSI
Under/overvoltage and asymmetry (two stage setting)	27, 59, 47
Overfrequency, Underfrequency (two stage setting)	81H, 81L
Instantaneous over current	50
Time over current	51
Current asymmetry	46
Earth fault current	50N + 51N
Ground surge current	50GS + 51GS
Directional/Reverse power with time delay	32
Breaker failure	
Phase sequence supervision	
Auto fault reset	
Maximum parallel time	
Analog and binary inputs related protections	
Battery voltage protection	
QU (Reactive power undervoltage) protection	
Dynamic grid support	

InteliPro optional features	
Synch Check	25
Time over current with voltage control	51V
Neutral voltage displacement	59N
Directional overcurrent	67
Vector shift	78
Pole slip protection	78PS
AC reclosing relay	79
Rate of change of frequency + ROCOF filter	81R

Typical application

Accessories

Communication modules

▷ **IB-Lite** – Internet/ethernet plug-in module including WebServer
▷ **IL-NT RS232** – RS232 extension board
▷ **IL-NT GPRS** – Cellular modem/wireless internet module
▷ **IL-NT RS232-485** – Dual port extension board
▷ **IL-NT S-USB** – Service USB module

Extension Input/Output modules

▷ **Relay Card CT2-REL2** – Current input and relay output module
▷ **IC-NT CT-BIO7** – 1 phase current input and binary input/output module
▷ **IG-IOM** – Analog/binary input/output module
▷ **IGS-PTM** – Analog/binary input/output module
▷ **IL-NT-AIO** – Analog input/output module
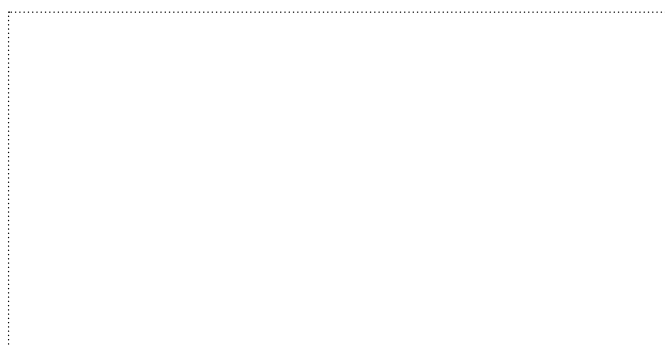
Order code

Product	Order code
InteliPro	INTELIPRO

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Customer satisfaction is our mission. We continuously develop our people to be the best to succeed in our mission.