

# Digital Protection Relay

Overview

Sales

Product



| Model              | Function                                          |
|--------------------|---------------------------------------------------|
| PAC-X SERIES       | Multi-functional Generator/Transformer protection |
| PAC-K SERIES       | KEPCO Substation GIS protection                   |
| PAC-M/F/T/D SERIES | Multi-functional protection relay series          |
| PAC-E SERIES       | Economical protection relay series                |



# Digital Protection Relay: PAC-SERIES

Overview

Sales

Product

| Model    | Function                          |
|----------|-----------------------------------|
| PAC-F100 | 154/23kV Feeder protection        |
| PAC-D100 | Distributed generator protection  |
| PAC-M100 | Motor protection                  |
| PAC-T100 | Transformer protection            |
| PAC-P200 | 6.6/3.3kV Feeder/Motor protection |



# Digital Protection Relay: PAC-SERIES

Overview

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Product

## Key Features of PAC-F/D/M/T100

- MIMIC Diagram & Graphic LCD
- Draw-out terminal
- Easy Configuration PC Tool named PACManager™
- Fault waveform recording function
- 4 setting groups
- SBO(Select Before Operation) and CBO(Check Before Operation) function
- TCS(Trip Circuit Supervision)
- SOE(Sequence of Event) 1mS recording
- Self Diagnosis function
- IRIG-B time sync function(optional)
- DNP 3.0, Modbus protocol supported on RS232C and RS485 port
- Logic configuration using EasyLogic™
- 16 user defined LED
- 1~31th Harmonics Analysis

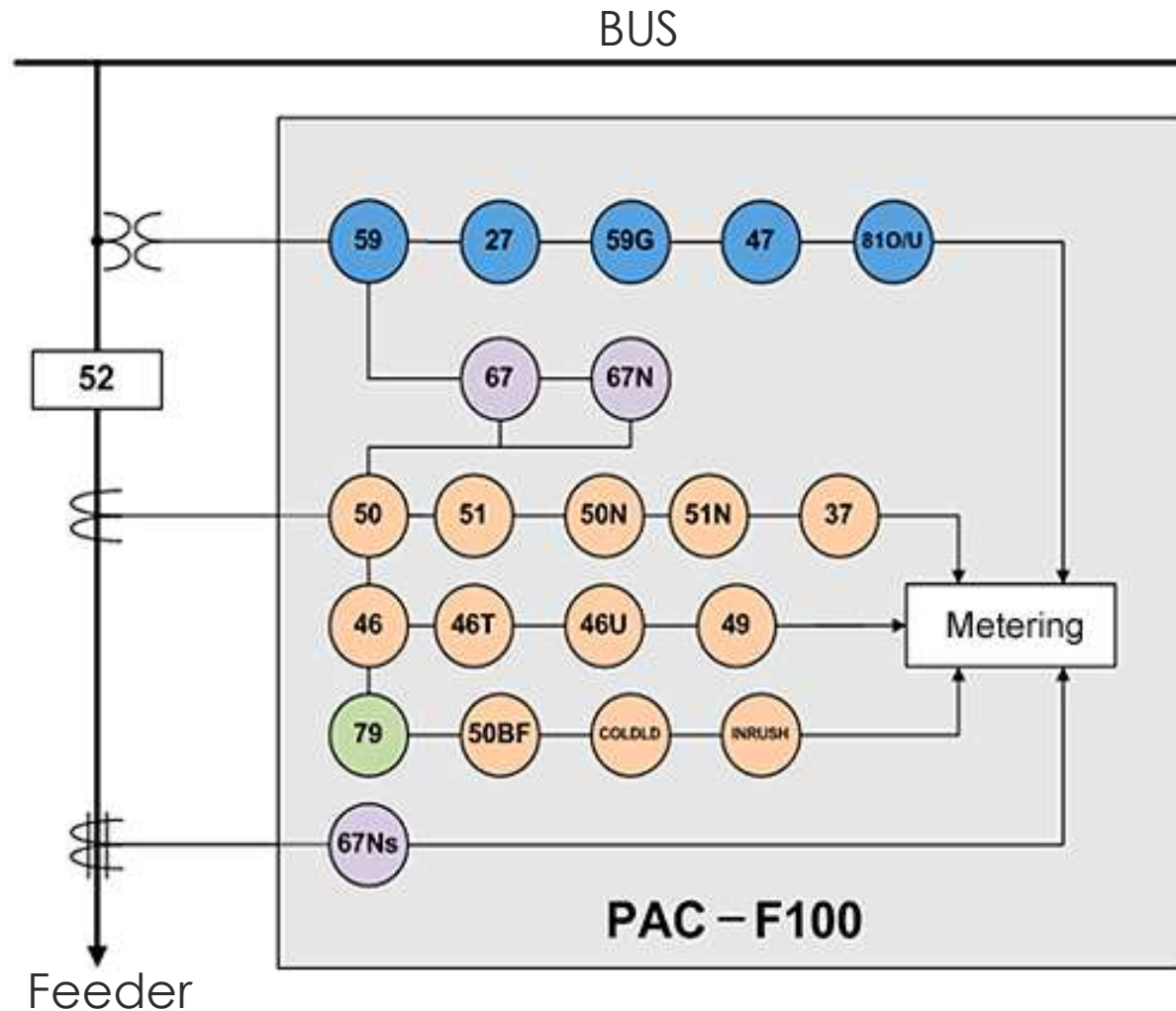
# Digital Protection Relay: PAC-SERIES

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## PAC-F100: Feeder Protection



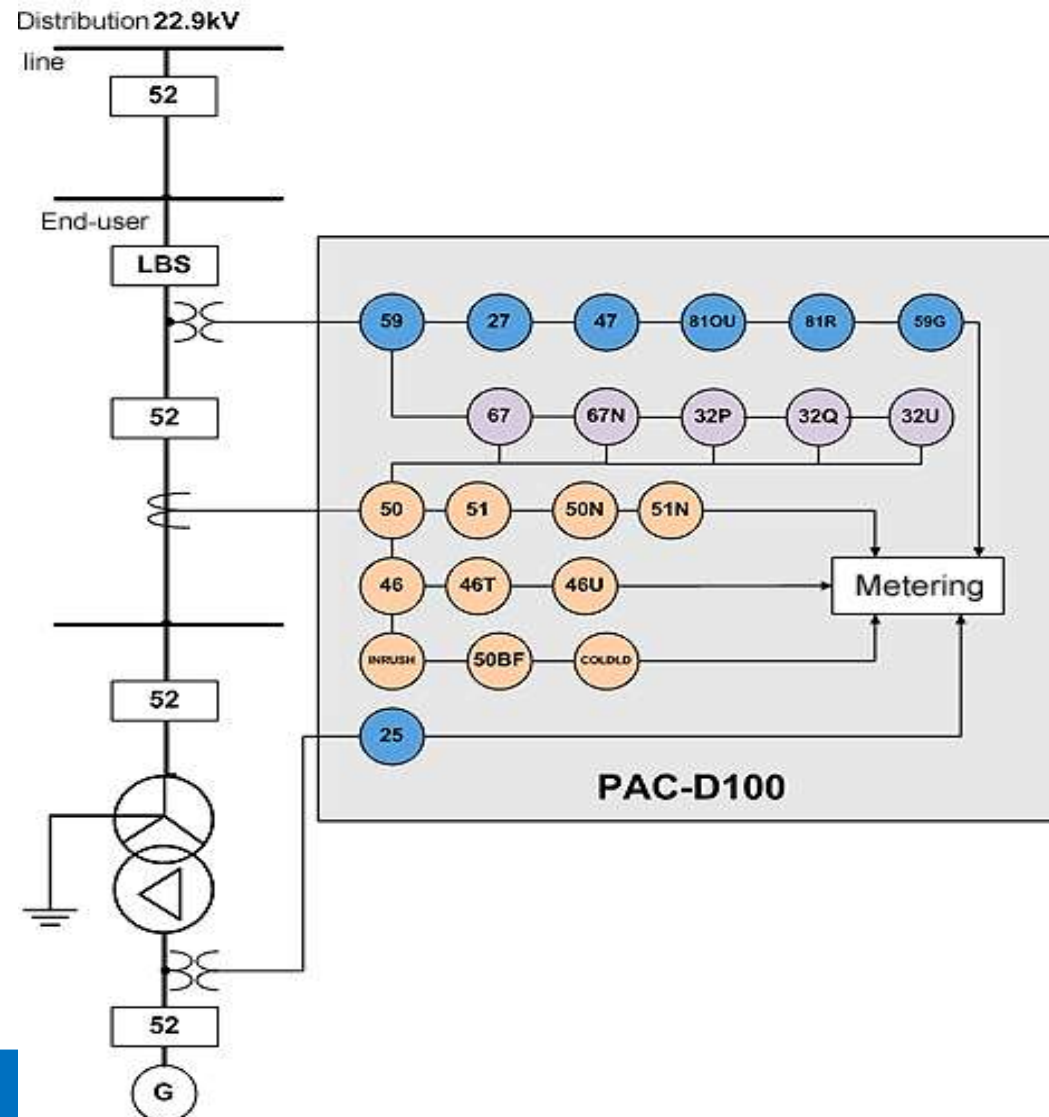
# Digital Protection Relay: PAC-SERIES

Overview

Sales

Product

## PAC-D100: Distributed generator protection



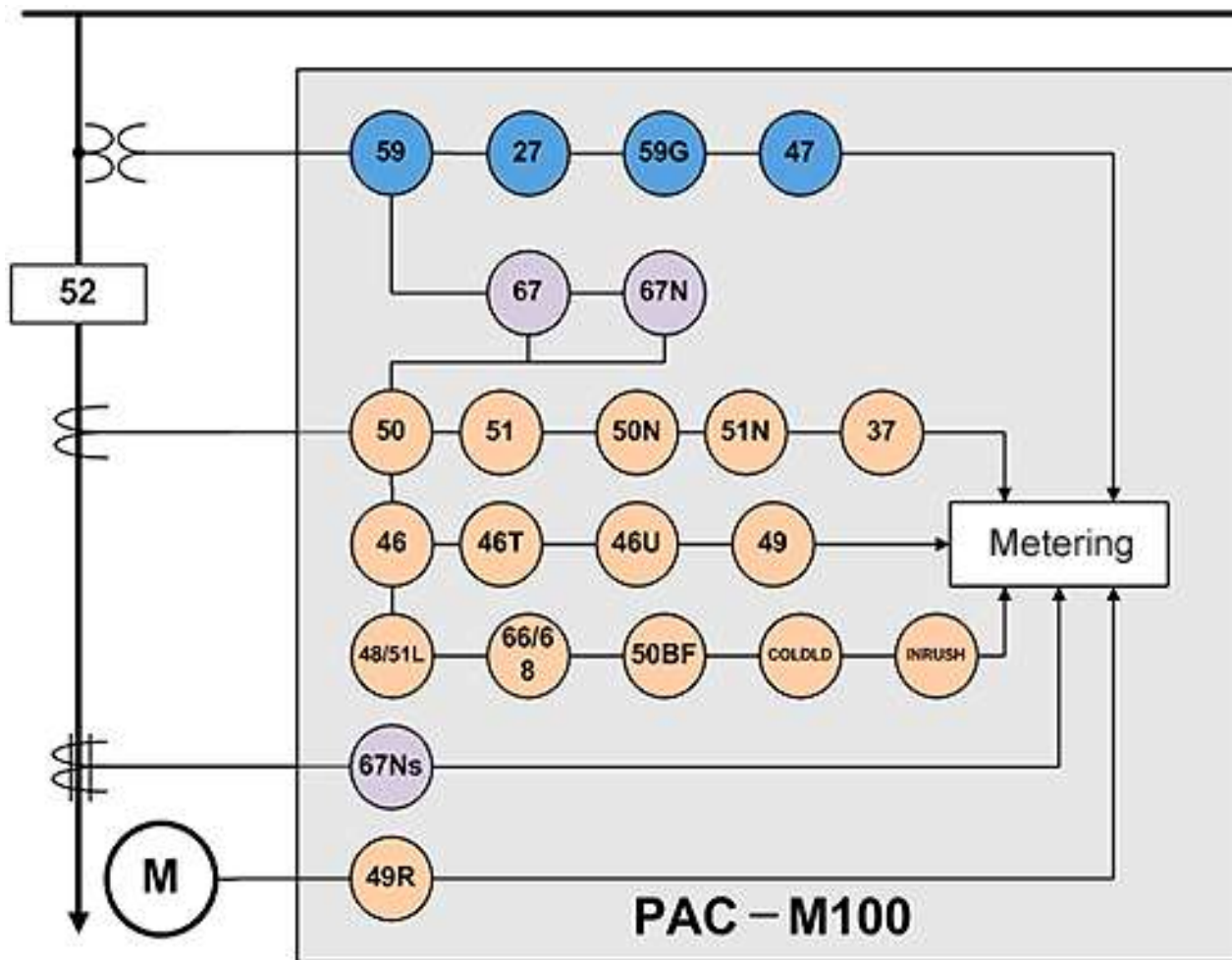
# Digital Protection Relay: PAC-SERIES

Overview

Sales

Product

## PAC-M100: Motor protection



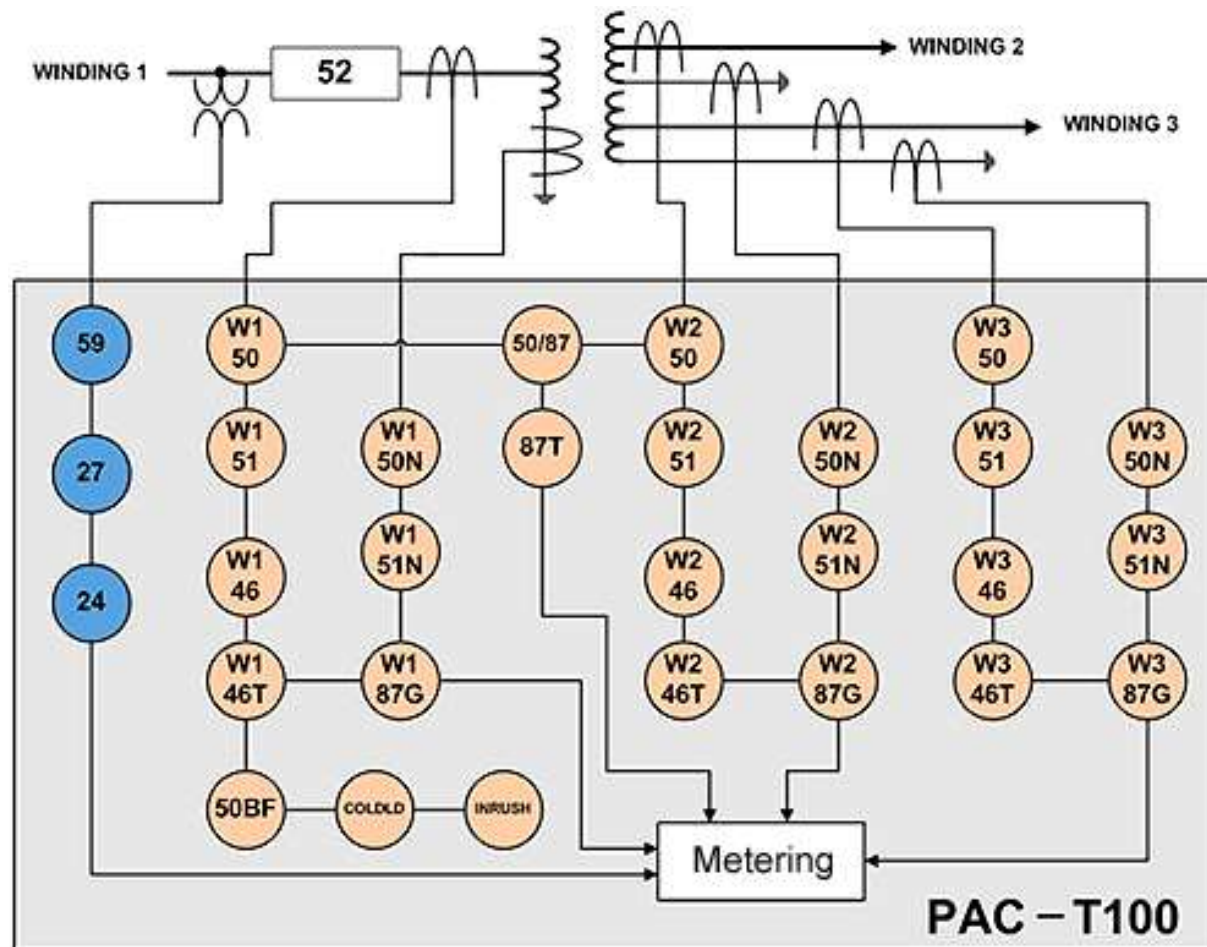
# Digital Protection Relay: PAC-SERIES

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Product

## PAC-T100: Transformer protection



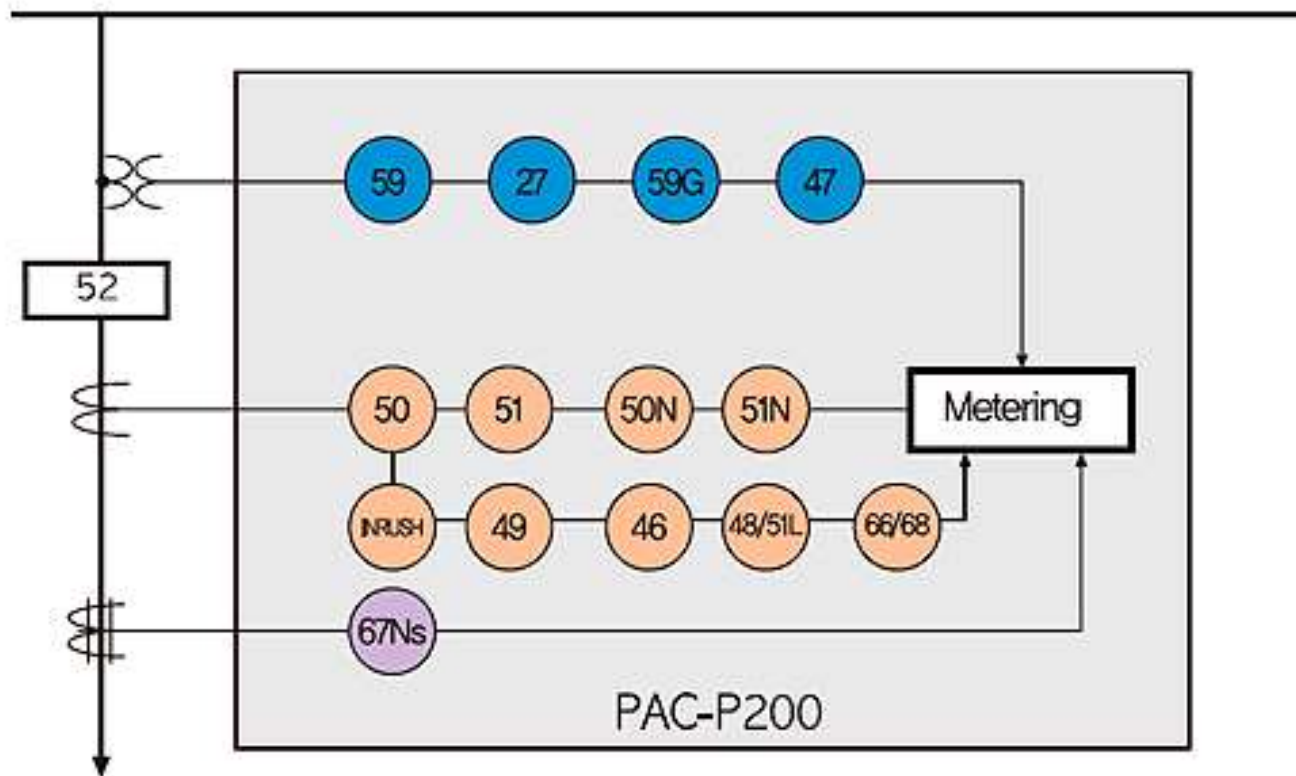
# Digital Protection Relay: PAC-SERIES

Overview

Sales

Product

## PAC-P200: 6.6/3.3kV Feeder/Motor protection



# Digital Protection Relay: PAC-E SERIES

Overview

Sales

Product

| Model                  | Function                                                                      |
|------------------------|-------------------------------------------------------------------------------|
| PAC-E100               | Over current protection                                                       |
| PAC-E102               | Dual Over current protection                                                  |
| PAC-E150               | Feeder/Motor protection for Non-grounding system                              |
| PAC-E170               | Motor protection for Grounding system                                         |
| PAC-E500               | Over/Under Voltage & Frequency protection                                     |
| PAC-E100S<br>PAC-E500S | Slim type of PAC-E100 / PAC-E500<br>(For replacement of Induction Disc relay) |



- All-in-one Current & Voltage Relay
- Perfect Substitution for Analog Relay
- Easy Setting Tool named E3RSET™
- SOE(Sequence of Event) function