



Multifunction protection

SIPROTEC 7SJ62 (phase-out product)

The SIPROTEC 7SJ62 relays can be used for line protection of high and medium voltage networks with earthed (grounded), low-resistance earthed, isolated or compensated neutral point. With regard to motor protection, the SIPROTEC 7SJ62 is suitable for asynchronous machines of all sizes. The relay performs all functions of backup protection supplementary to transformer differential protection. 7SJ62 is featuring the "flexible protection functions". Up to 20 protection functions can be added according to individual requirements. Thus, for example, a rate-of-frequency-change protection or reverse power protection can be implemented.

Successive product

SIPROTEC 7SX800

Multifunction protection SIPROTEC 7SJ62

Features & functions

Features

The relay provides control of the circuit-breaker and automation functions. The integrated programmable logic (CFC) allows the user to implement their own functions, e. g. for the automation of switchgear (interlocking). The user is also allowed to generate user-defined messages.

The flexible communication interfaces are open for modern communication architectures with control systems.

Hardware

- 4 current transformers
- 3/4 voltage transformers
- 8/11 binary inputs
- 8/6 output relays
- Text display or graphical display
- Surface-mounting or flush-mounting housing

Communication interfaces

- System port
 - IEC 61850
 - PROFINET
 - DNP3 TCP
 - IEC 60870-5-103
 - PROFIBUS-DP
 - DNP 3.0
 - MODBUS RTU
- Service port
 - DIGSI 4
 - Modem
 - Thermobox

- Front port
 - DIGSI 4
- Time synchronization via IRIG B, DCF77 or system interface