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Model

F Feeder protection

Device size

5 1/2 of 19" rack

Analog measurement

5 5 Current measurement channels and 4 voltage measurement channels

Functionality package

A Standard feeder protection package
B Line differential protection package (no voltage measurements)
C Line differential and standard feeder protection package
D Distance and standard feeder protection package
E Line differential, distance and standard feeder protection package
R Standard feeder protection package + single pole breaker control
S Standard feeder protection package + synchronizer function
V Standard feeder protection package + AVR + transformer protection

Mounting

P Panel mounted

Auxiliary voltage

H 80...265 VAC/DC
L 18...72 VDC

Measurement accuracy

0 Power/Energy measurement accuracy 0.5%
2 Power/Energy measurement accuracy 0.2%

Terminals

A Standard
B Ring-lug current terminals
C Standard current terminals, spring cage voltage and I/O terminals
D Ring-lug current terminals, spring cage voltage and I/O terminals

Reserved for future use

A N/A

Digital inputs on power supply module

A 3 Digital inputs, 24 V nominal threshold
B 3 Digital inputs, 110 V nominal threshold
C 3 Digital inputs, 220 V nominal threshold

Reserved for future use

A N/A

Slots C, E, F, G, H, I, J, K, L, M, N (11 pcs)

A Empty
B 8 Digital inputs
C 5 Output relays (max. 6 pcs)
D Arc protection with 4 point sensor channels, 2 x HSO, 1 x BI (max. 1 pcs)
F 8 x RTD input (max. 2 pcs)
G 2 x RJ-45 100Mb Ethernet & IRIG-B (max. 1 pcs) *
H 2 x ST 100Mb Ethernet & IRIG-B (max. 1 pcs) *
I 4 x mA outputs - 1 x mA input (max. 2 pcs)
J Double LC 100Mb Ethernet (HSR, PRP redundant protocols) (max. 1 pcs) *
K Double RJ45 100Mb Ethernet (HSR, PRP redundant protocols) (max. 1 pcs) *
L RS-232 - Serial fiber (Plastic-Plastic) (max. 1 pcs) *
M RS-232 - Serial fiber (Plastic-Glass) (max. 1 pcs) *
N RS-232 - Serial fiber (Glass-Plastic) (max. 1 pcs) *
O RS-232 - Serial fiber (Glass-Glass) (max. 1 pcs) *
Q 2 x SFP 100Mb Ethernet & IRIG-B (max. 4 pcs) **
R 3 x High-speed high current output (max. 3 pcs)
T 4 x mA inputs - 1 x mA output (max. 2 pcs)

* Can only be applied to the two last slots.
** Can only be applied to the four last slots. Requires an SFP adapter. See "Accessories" list.