Product datasheet

Specifications

transformer - T62 - Sepam series 60

59791

Main

Relay application	Transformer
Range of product	Sepam series 60
Device short name	T62
Control and monitoring type	Circuit breaker/contactor control ANSI code: 94/69 (option) Latching/acknowledgement ANSI code: 86 Logic discrimination ANSI code: 68 (option) Switching of groups of settings Annunciation ANSI code: 30 Automatic transfer (AT) (option) Logic equation editor 200 operators
Metering type	Positive sequence voltage Vd/rotation direction Frequency Calculated active and reactive energy (+/- W.h, +/- VAR.h) Active and reactive energy by pulse counting (+/- W.h, +/- VAR.h) (option) Phase current I1, I2, I3 RMS Demand current I1, I2, I3 Peak demand current IM1, IM2, IM3 Measured residual current I'0 Voltage U21, U32, U13, V1, V2, V3 Residual voltage V0 Negative sequence voltage Vi Active power P, P1, P2, P3 Reactive power Q, Q1, Q2, Q3 Apparent power S, S1, S2, S3 Peak demand power PM, QM Power factor Temperature (16 RTDs) (option) Measured residual current I0, calculated I'0Σ
Network and machine diagnosis type	Unbalance ratio/negative sequence current Ii Disturbance recording Running hours counter/operating time Tripping context Phase fault and earth fault trip counters Harmonic distortion (THD), current and voltage Ithd, Uthd Difference in amplitude, frequency and phase of voltages with synchro-check option Cable arcing fault detection Phase displacement Datalog (DLG)
Switchgear diagnosis type	Cumulative breaking current CT/VT supervision ANSI code: 60FL Trip circuit supervision ANSI code: 74 (option) Nb of operations, operating time, charging time, nb of racking out operations (option)

Complementary

Type of measurement	Power factor
	Temperature
	Peak demand power
	Voltage
	Frequency
	Power (P,Q)
	Harmonic distorsion (I THD & U THD)
	Energy
	Current

Protection type	Thermostat / buchholz ANSI code: 26/63 (option)
	Neutral voltage displacement ANSI code: 59N (2)
	Breaker failure ANSI code: 50BF (1)
	Directional earth fault ANSI code: 67N/67NC (2)
	Directional phase overcurrent ANSI code: 67 (2)
	Synchro-check ANSI code: 25 (option)
	Temperature monitoring (16 RTDs) ANSI code: 38/49T (option)
	Thermal overload for machines ANSI code: 49RMS (2)
	Restricted earth fault ANSI code: 64REF (2)
	Phase overcurrent ANSI code: 50/51 (4)
	Earth fault/sensitive earth fault ANSI code: 50N/51N (4)
	Earth fault/sensitive earth fault ANSI code: 50G/51G (4)
	Negative sequence/unbalance ANSI code: 46 (2)
	Overfrequency ANSI code: 81H (2)
	Underfrequency ANSI code: 81L (4)
	Positive sequence undercurrent ANSI code: 27D (2)
	Remanent undervoltage ANSI code: 27R (2)
	Negative sequence overvoltage ANSI code: 47 (2)
	Directional active overpower ANSI code: 32P (2)
	Undervoltage (L-L or L-N) ANSI code: 27 (2)
	Overvoltage (L-L or L-N) ANSI code: 59 (2)

Communication port protocol	Measurement readout (option) : Modbus
	Remote indication and time tagging of events (option) : Modbus
	Remote control orders (option) : Modbus
	Remote protection setting (option) : Modbus
	Transfer of disturbance recording data (option) : Modbus

Input output max capacity	28 inputs + 16 outputs

Communication compatibility	Modbus RTU
	IEC 61850
	IEC 60870-5-103
	Modbus TCPIP
	IEC 61850 goose message
	DNP3

User machine interface type	Mimic-based
	Without
	Remote
	Advanced

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.0 cm
Package 1 Width	1.0 cm
Package 1 Length	1.01 cm
Package 1 Weight	100.0 g

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