Product data sheet Characteristics

59734

transformer - T82 - Sepam series 80



Relay application	Transformer	: :
Range of product	Sepam series 80 NPP Sepam series 80	
Device short name	T82	
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) Logipam programming (ladder language) (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'0∑	:
Network and machine diagnosis type	Unbalance ratio/negative sequence current li Disturbance recording Thermal capacity used Remaining operating time before overload tripping Waiting time after overload tripping Running hours counter/operating time Tripping context Phase fault and earth fault trip counters Harmonic distortion (THD), current and voltage lthd, Uthd Difference in amplitude, frequency and phase of voltages with synchro-check option Apparent positive sequence impedance Zd Apparent phase-to-phase impedances Z21, Z32, Z13	

	Phase displacement Datalog (DLG)
Switchgear diagnosis type	Cumulative breaking current CT/VT supervision ANSI code: 60FL
	Trip circuit supervision ANSI code: 74 (option)
	Auxiliary power supply monitoring
	Nb of operations, operating time, charging time, nb of racking out operations (option)

Complementary

Voltage Temperature Harmonic distorsion (I THD & U THD)
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Harmonic distorsion (LTHD & UTHD)
Fragrand .
Energy
Power (P,Q)
Power factor
Current Frequency
· · ·
Thermostat / buchholz ANSI code: 26/63 (option)
Neutral voltage displacement ANSI code: 59N
Breaker failure ANSI code: 50BF
Directional earth fault ANSI code: 67N/67NC
Directional phase overcurrent ANSI code: 67
Synchro-check ANSI code: 25 (option)
Overvoltage (L-L or L-N) ANSI code: 59
Temperature monitoring (16 RTDs) ANSI code: 38/49T (option)
Thermal overload for machines ANSI code: 49RMS
Restricted earth fault ANSI code: 64REF
Negative sequence/unbalance ANSI code: 46
Overfrequency ANSI code: 81H
Underfrequency ANSI code: 81L
Positive sequence undercurrent ANSI code: 27D
Remanent undervoltage ANSI code: 27R
Undervoltage (L-L or L-N) ANSI code: 27
Negative sequence overvoltage ANSI code: 47
Phase overcurrent ANSI code: 50/51
Earth fault/sensitive earth fault ANSI code: 50N/51N
Earth fault/sensitive earth fault ANSI code: 50G/51G
Directional active overpower ANSI code: 32P
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
42 inputs + 23 outputs
IEC 61850
IEC 60870-5-103
Modbus TCPIP
DNP3
IEC 61850 goose message
Modbus RTU
Without
Mimic-based
Remote

Packing Units

Package 1 Weight	0.001 kg
Package 1 Height	0.010 dm
Package 1 width	0.010 dm
Package 1 Length	0.020 dm