

P R I N T - C O N T E N T S

A25 7SJ600 V2.1

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Comment:

Configuration, Control, Marshalling, Settings

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Syatem B
A25 7SJ600 V2.1
7SJ60055EA000DA0 V02.1x

Configuration, Control, Marshalling, Settings

Configuration

7100 LOCAL USER INTERFACE

7101 Language English

7200 CONFIGURATION OF COMM PORTS

7208 Function type (for the VDEW-protocol) 160
7211 Front port DIGSI V3
7214 Time gap between msg. packets for front port 1.0 s
7215 Baud rate for the front port 19200 BAUD
7216 Parity and stop-bits for the front port DIGSI V3

7400 WAVEFORM CAPTURE

7402 Trigger for waveform capture Trigger with PICKUP
7410 Max length of a waveform capture record 1.00 s
7411 Amount of captured waveform prior to trigger 0.10 s
7412 Amount of captured waveform after trigger 0.10 s

7800 DEVICE OPTIONS

7801 Characteristic of O/C protection Definite Time
7802 Temporary pick-up value change over (O/C-st.) NONEXISTENT
7803 46-List of negative seq prot settings /char. NONEXISTENT
7804 49-Thermal overload protection NONEXISTENT
7805 Supervision of starting time NONEXISTENT
7839 Trip circuit supervision NONEXISTENT

9500 SYSTEM SETTINGS

9520 Activating internal test mode >10 Alarms=Monitor
9521 Module number under test 0

Marshalling

6101 MARSHALLING OF BINARY INPUT 1

6102 BINARY INPUT 1 1st FUNCTION
6103 BINARY INPUT 1 2nd FUNCTION
6104 BINARY INPUT 1 3rd FUNCTION
6105 BINARY INPUT 1 4th FUNCTION
6106 BINARY INPUT 1 5th FUNCTION
6107 BINARY INPUT 1 6th FUNCTION
6108 BINARY INPUT 1 7th FUNCTION
6109 BINARY INPUT 1 8th FUNCTION
6110 BINARY INPUT 1 9th FUNCTION
6111 BINARY INPUT 1 10th FUNCTION

6122 MARSHALLING OF BINARY INPUT 2

6123 BINARY INPUT 2 1st FUNCTION
6124 BINARY INPUT 2 2nd FUNCTION
6125 BINARY INPUT 2 3rd FUNCTION
6126 BINARY INPUT 2 4th FUNCTION
6127 BINARY INPUT 2 5th FUNCTION
6128 BINARY INPUT 2 6th FUNCTION
6129 BINARY INPUT 2 7th FUNCTION
6130 BINARY INPUT 2 8th FUNCTION
6131 BINARY INPUT 2 9th FUNCTION
6132 BINARY INPUT 2 10th FUNCTION

6133 MARSHALLING OF BINARY INPUT 3

6134 BINARY INPUT 3 1st FUNCTION

6135 BINARY INPUT 3 2nd FUNCTION
6136 BINARY INPUT 3 3rd FUNCTION
6137 BINARY INPUT 3 4th FUNCTION
6138 BINARY INPUT 3 5th FUNCTION
6139 BINARY INPUT 3 6th FUNCTION
6140 BINARY INPUT 3 7th FUNCTION
6141 BINARY INPUT 3 8th FUNCTION
6142 BINARY INPUT 3 9th FUNCTION
6143 BINARY INPUT 3 10th FUNCTION

6201 MARSHALLING OF SIGNAL RELAY 1

6202 Signal RELAY 1 1st CONDITION
001 0052 At least 1 protection funct is active
6203 Signal RELAY 1 2nd CONDITION
6204 Signal RELAY 1 3rd CONDITION
6205 Signal RELAY 1 4th CONDITION
6206 Signal RELAY 1 5th CONDITION
6207 Signal RELAY 1 6th CONDITION
6208 Signal RELAY 1 7th CONDITION
6209 Signal RELAY 1 8th CONDITION
6210 Signal RELAY 1 9th CONDITION
6211 Signal RELAY 1 10th CONDITION
6212 Signal RELAY 1 11th CONDITION
6213 Signal RELAY 1 12th CONDITION
6214 Signal RELAY 1 13th CONDITION
6215 Signal RELAY 1 14th CONDITION
6216 Signal RELAY 1 15th CONDITION
6217 Signal RELAY 1 16th CONDITION
6218 Signal RELAY 1 17th CONDITION
6219 Signal RELAY 1 18th CONDITION
6220 Signal RELAY 1 19th CONDITION
6221 Signal RELAY 1 20th CONDITION

6222 MARSHALLING OF SIGNAL RELAY 2

6223 Signal RELAY 2 1st CONDITION
001 1815 50-Phase inst. element TRIP
6224 Signal RELAY 2 2nd CONDITION
6225 Signal RELAY 2 3rd CONDITION
6226 Signal RELAY 2 4th CONDITION
6227 Signal RELAY 2 5th CONDITION
6228 Signal RELAY 2 6th CONDITION
6229 Signal RELAY 2 7th CONDITION
6230 Signal RELAY 2 8th CONDITION
6231 Signal RELAY 2 9th CONDITION
6232 Signal RELAY 2 10th CONDITION
6233 Signal RELAY 2 11th CONDITION
6234 Signal RELAY 2 12th CONDITION
6235 Signal RELAY 2 13th CONDITION
6236 Signal RELAY 2 14th CONDITION
6237 Signal RELAY 2 15th CONDITION
6238 Signal RELAY 2 16th CONDITION
6239 Signal RELAY 2 17th CONDITION
6240 Signal RELAY 2 18th CONDITION
6241 Signal RELAY 2 19th CONDITION
6242 Signal RELAY 2 20th CONDITION

6301 MARSHALLING OF LED INDICATOR 1

6302 LED 1 1st CONDITION
001 1815 50-Phase inst. element TRIP m
6303 LED 1 2nd CONDITION
6304 LED 1 3rd CONDITION
6305 LED 1 4th CONDITION
6306 LED 1 5th CONDITION
6307 LED 1 6th CONDITION

6308 LED 1 7th CONDITION
6309 LED 1 8th CONDITION
6310 LED 1 9th CONDITION
6311 LED 1 10th CONDITION
6312 LED 1 11th CONDITION
6313 LED 1 12th CONDITION
6314 LED 1 13th CONDITION
6315 LED 1 14th CONDITION
6316 LED 1 15th CONDITION
6317 LED 1 16th CONDITION
6318 LED 1 17th CONDITION
6319 LED 1 18th CONDITION
6320 LED 1 19th CONDITION
6321 LED 1 20th CONDITION

6322 MARSHALLING OF LED INDICATOR 2

6323 LED 2 1st CONDITION
001 1805 50HS-Phase high-set element TRIP m
6324 LED 2 2nd CONDITION
6325 LED 2 3rd CONDITION
6326 LED 2 4th CONDITION
6327 LED 2 5th CONDITION
6328 LED 2 6th CONDITION
6329 LED 2 7th CONDITION
6330 LED 2 8th CONDITION
6331 LED 2 9th CONDITION
6332 LED 2 10th CONDITION
6333 LED 2 11th CONDITION
6334 LED 2 12th CONDITION
6335 LED 2 13th CONDITION
6336 LED 2 14th CONDITION
6337 LED 2 15th CONDITION
6338 LED 2 16th CONDITION
6339 LED 2 17th CONDITION
6340 LED 2 18th CONDITION
6341 LED 2 19th CONDITION
6342 LED 2 20th CONDITION

6343 MARSHALLING OF LED INDICATOR 3

6344 LED 3 1st CONDITION
001 6757 O/C protection I>>> phase trip m
6345 LED 3 2nd CONDITION
6346 LED 3 3rd CONDITION
6347 LED 3 4th CONDITION
6348 LED 3 5th CONDITION
6349 LED 3 6th CONDITION
6350 LED 3 7th CONDITION
6351 LED 3 8th CONDITION
6352 LED 3 9th CONDITION
6353 LED 3 10th CONDITION
6354 LED 3 11th CONDITION
6355 LED 3 12th CONDITION
6356 LED 3 13th CONDITION
6357 LED 3 14th CONDITION
6358 LED 3 15th CONDITION
6359 LED 3 16th CONDITION
6360 LED 3 17th CONDITION
6361 LED 3 18th CONDITION
6362 LED 3 19th CONDITION
6363 LED 3 20th CONDITION

6364 MARSHALLING OF LED INDICATOR 4

6365 LED 4 1st CONDITION
6366 LED 4 2nd CONDITION

6367 LED 4 3rd CONDITION
6368 LED 4 4th CONDITION
6369 LED 4 5th CONDITION
6370 LED 4 6th CONDITION
6371 LED 4 7th CONDITION
6372 LED 4 8th CONDITION
6373 LED 4 9th CONDITION
6374 LED 4 10th CONDITION
6375 LED 4 11th CONDITION
6376 LED 4 12th CONDITION
6377 LED 4 13th CONDITION
6378 LED 4 14th CONDITION
6379 LED 4 15th CONDITION
6380 LED 4 16th CONDITION
6381 LED 4 17th CONDITION
6382 LED 4 18th CONDITION
6383 LED 4 19th CONDITION
6384 LED 4 20th CONDITION

6401 MARSHALLING OF COMMAND RELAY 1

6402 COMMAND RELAY 1 1st CONDITION
001 1805 50HS-Phase high-set element TRIP
6403 COMMAND RELAY 1 2nd CONDITION
001 6757 O/C protection I>>> phase trip
6404 COMMAND RELAY 1 3rd CONDITION
6405 COMMAND RELAY 1 4th CONDITION
6406 COMMAND RELAY 1 5th CONDITION
6407 COMMAND RELAY 1 6th CONDITION
6408 COMMAND RELAY 1 7th CONDITION
6409 COMMAND RELAY 1 8th CONDITION
6410 COMMAND RELAY 1 9th CONDITION
6411 COMMAND RELAY 1 10th CONDITION
6412 COMMAND RELAY 1 11th CONDITION
6413 COMMAND RELAY 1 12th CONDITION
6414 COMMAND RELAY 1 13th CONDITION
6415 COMMAND RELAY 1 14th CONDITION
6416 COMMAND RELAY 1 15th CONDITION
6417 COMMAND RELAY 1 16th CONDITION
6418 COMMAND RELAY 1 17th CONDITION
6419 COMMAND RELAY 1 18th CONDITION
6420 COMMAND RELAY 1 19th CONDITION
6421 COMMAND RELAY 1 20th CONDITION

6422 MARSHALLING OF COMMAND RELAY 2

6423 COMMAND RELAY 2 1st CONDITION
001 1805 50HS-Phase high-set element TRIP
6424 COMMAND RELAY 2 2nd CONDITION
001 6757 O/C protection I>>> phase trip
6425 COMMAND RELAY 2 3rd CONDITION
6426 COMMAND RELAY 2 4th CONDITION
6427 COMMAND RELAY 2 5th CONDITION
6428 COMMAND RELAY 2 6th CONDITION
6429 COMMAND RELAY 2 7th CONDITION
6430 COMMAND RELAY 2 8th CONDITION
6431 COMMAND RELAY 2 9th CONDITION
6432 COMMAND RELAY 2 10th CONDITION
6433 COMMAND RELAY 2 11th CONDITION
6434 COMMAND RELAY 2 12th CONDITION
6435 COMMAND RELAY 2 13th CONDITION
6436 COMMAND RELAY 2 14th CONDITION
6437 COMMAND RELAY 2 15th CONDITION
6438 COMMAND RELAY 2 16th CONDITION
6439 COMMAND RELAY 2 17th CONDITION
6440 COMMAND RELAY 2 18th CONDITION

6441 COMMAND RELAY 2 19th CONDITION
6442 COMMAND RELAY 2 20th CONDITION

Settings Settings group A

1100 POWER SYSTEM DATA
1101 Rated Frequency Line Freq of 50 Hz
1102 Connection of CT2 IL2
1105 Rated primary current 1500 A
1106 Secondary rated current 5A
1134 Minimum trip command duration 0.15 s
1135 Maximum close command duration 1.00 s

1300 PHASE OVERCURRENT PROTECTION

1301 50HS/50/51 - Non-dir phase inst/time O/C prot. ON
1303 Pick-up value of the high-set inst. stage I>>> 5.4 I/In
1305 50HS - Phase high-set inst. O/C pickup 1.6 I/In
1307 50HS - Phase high-set inst. O/C time delay 0.80 s
1308 50 - Phase instantaneous O/C pickup 0.7 I/In
1310 50 - Phase instantaneous O/C time delay 10.00 s
1311 Measurement repetition NO
1319 Manual close mode 50HS IOC w/o Delay

1400 GROUND OVERCURRENT PROTECTION

1401 50NHS/50N/51N- Non-dir gnd inst/time O/C prot. OFF
1402 50NHS - Ground high-set inst. O/C pickup 0.5 I/In
1404 50NHS - Ground high-set inst. O/C time delay 0.10 s
1405 50N - Ground instantaneous O/C pickup 0.2 I/In
1407 50N - Ground instantaneous O/C time delay 0.50 s
1408 Measurement repetition for ground NO
1416 Manual close mode 50NHS IOC w/o Delay

P R I N T - C O N T E N T S

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