Archiv: SIPROTEC / YU / 7UM61 / 012 /
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..kV
S
-T2 L1,L2,L3
.../1A
P1
P2
..VA
-T..
60/1A
M10
-T..
-F..
../√3 / 0,1/3 / 0,1/√3 kV
-R1
-G1
.. kVA
.. kV
.. Hz
cosφ=
G
3~
-T1 L1,L2,L3
.../1A
0..Fs..
..P..
..VA
-T..
60/1A
M10

R1 GEN CB
R2 RAPID SHUT DOWN
R3 EXCITATION
R4 SPARE

PDP SIGNALLINGS

| -F11 7UM61-B(Standard) | | |
|---|---|---|
| J L1 L2 L3 | STATOR E/F Ie> | 51N |
| | EARTH FAULT Ue> | 59N |
| J EE | UNDERFREQUENCY | 81 |
| | OVERFREQUENCY | 81 |
| U L1 L2 L3 N | OVERVOLTAGE | 59 |
| | OVERCURRENT I>+U< | 51 |
| U E | OVERCURRENT I>> | 50/51 |
| | OVERLOAD | 49 |
| | REVERSE PWR | 32R |
| | UNDEREXC | 40 |
| | UNBALANCED LOAD | 46 |

-F11
7UM61

R1 R2 R3 R4 PDP | LED No. (7UM612) | ANSI No.

| | LED No. | ANSI No. |
|---|---|---|
| STATOR E/F Ie> & EARTH FAULT Ue> | 1 | 51N |
| | 2 | 59N |
| UNDERFREQUENCY f1< & GEN CB ON | 3 | 81 |
| OVERFREQUENCY | 4 | 81 |
| OVERVOLTAGE | 5 | 59 |
| OVERCURRENT I>+U< | 6 | 51 |
| OVERCURRENT I>> | 7 | 50/51 |
| OVERLOAD | 8 | 49 |
| REVERSE PWR | 9 | 32R |
| UNDEREXC | 10 | 40 |
| UNBALANCED LOAD WARNING | 11 | 46 |
| UNBALANCED LOAD TRIP | 12 | 46 |
| EXTERNAL TRIP<br>EXTERNAL TRIP | 13 | |

7UM611: ONLY 7 LED's

Project:
SYMBOL LIBRARY 1: EV5Basis
SYMBOL LIBRARY 2: xxxxx
SYMBOL LIBRARY 3: xxxxx
SYMBOL LIBRARY 4: xxxxx
angebbas
ELCAD-VERSION: 5.7x
TRANSLATE FILE A:xxxxx
TRANSLATE FILE B:xxxxx
TRANSLATE FILE C:EV5BasFB.ce
TRANSLATE FILE D:EV5BasGT.de

7UM61_MV_1.pdf

| Rev. | Remarks | Date | Name | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Date | 02-10-24 | SIPROTEC 4 | Siemens AG | GENERATOR PROTECTION | U3241-P-U324-..... | YU | SIPROTEC | 012 |
| | | | | Drawn | Donhauser | Busbar connected Generator (< 1500 kVA) | | | | | 7UM61 | |
| | | | | Appr. | N.Mueller | with Grounding Resistor | | | | | | Sheet 1- |
| | | | | Norm | Dr.Herrmann | Orig./Repl.f./Repl.by | | Single line diagram | (3)E50414-L0...-S100 | | | 1 Sh. |