| Инв. N подл. | Подп. и дата | Взам. инв. N |
|---|---|---|
| R4.05269.4.0.32 | | |

Ряды зажимов шкафа N 113
питания оперативным током

Левая боковина

| | | | | | | |
|---|---|---|---|---|---|---|
| 04 | Реле-повторители положения разводящителей линии WE04 | | | | | 04 |
| | | 1 | 04x1 | | SF4:4 | |
| | | 2 | | | | |
| | | 3 | | | | |
| | | 4 | 04x4 | | SF4:2 | |
| | | 5 | | | | |
| 05 | Реле-повторители положения разводящителей линии WE04 | | | | | 05 |
| | | 1 | 05x1 | | SF5:4 | |
| | | 2 | | | | |
| | | 3 | | | | |
| | | 4 | 05x4 | | SF5:2 | |
| | | 5 | | | | |
| 06 | Питание реле контроля годовых замеров ТТ линии WE03 | | | | | 06 |
| 301-WE03 | | 1 | 06x1 | | SF6:4 | |
| | | 2 | | | | |
| | | 3 | | | | |
| 302-WE03 | | 4 | 06x4 | | SF6:2 | |
| | | 5 | | | | |
| 10 | Основная защита ВП 220 кВ WE03 | | | | | 10 |
| | | 1 | 10x1 | | SF10:4 | |
| | | 2 | | | | |
| | | 3 | | | | |
| | | 4 | 10x4 | | SF10:2 | |
| | | 5 | | | | |
| 11 | Основная защита ВП 220 кВ WE04 | | | | | 11 |
| | | 1 | 11x1 | | SF11:4 | |
| | | 2 | | | | |
| | | 3 | | | | |
| | | 4 | 11x4 | | SF11:2 | |
| | | 5 | | | | |
| 12 | Сириус-2-ОМП ВП 220 кВ WE03 | | | | | 12 |
| | | 1 | 12x1 | | SF12:4 | |
| | | 2 | | | | |
| | | 3 | | | | |
| | | 4 | 12x4 | | SF12:2 | |
| | | 5 | | | | |
| 16 | Резерв | | | | | 16 |
| | | 1 | 16x1 | | SF16:4 | |
| | | 2 | | | | |
| | | 3 | | | | |
| | | 4 | 16x4 | | SF16:2 | |
| | | 5 | | | | |
| 17 | 1 питание МКПА ВП 220 кВ WE01 | | | | | 17 |
| | | 1 | 17x1 | | SF17:4 | |
| | | 2 | | | | |
| | | 3 | | | | |
| | | 4 | 17x4 | | SF17:2 | |
| | | 5 | | | | |
| 18 | 1 питание МКПА ВП 220 кВ WE02 | | | | | 18 |
| | | 1 | 18x1 | | SF18:4 | |
| | | 2 | | | | |
| | | 3 | | | | |
| | | 4 | 18x4 | | SF18:2 | |
| | | 5 | | | | |
| 22 | 1 питание СР-24 ВП 220 кВ WE04 | | | | | 22 |
| | | 1 | 22x1 | | SF22:4 | |
| | | 2 | | | | |
| | | 3 | | | | |
| | | 4 | 22x4 | | SF22:2 | |
| | | 5 | | | | |
| 23 | Резерв | | | | | 23 |
| | | 1 | 23x1 | | SF23:4 | |
| | | 2 | | | | |
| | | 3 | | | | |
| | | 4 | 23x4 | | SF23:2 | |
| | | 5 | | | | |
| 24 | Резерв | | | | | 24 |
| | | 1 | 24x1 | | SF24:4 | |
| | | 2 | | | | |
| | | 3 | | | | |
| | | 4 | 24x4 | | SF24:2 | |
| | | 5 | | | | |
| 00 | Общеподстанционная аппаратура | | | | | 00 |
| -EH-HC01F001 | | 1 | 00x1 | | SF1-SI:11 | |
| | | 2 | 00x2 | | SF1-SI:9 | |
| | | 3 | | | | |
| 927 | | 4 | 00x4 | | HLW | |
| SF1-SI:12 | 00x5 | 5 | 00x5 | | SF2-SI:12 | |
| SF3-SI:12 | 00x6 | 6 | 00x6 | | SF4-SI:12 | |
| SF5-SI:12 | 00x7 | 7 | 00x7 | | SF6-SI:12 | |
| SF7-SI:12 | 00x8 | 8 | 00x8 | | SF8-SI:12 | |
| SF9-SI:12 | 00x9 | 9 | 00x9 | | SF10-SI:12 | |
| SF11-SI:12 | 00x10 | 10 | 00x10 | | SF12-SI:12 | |
| SF13-SI:12 | 00x11 | 11 | 00x11 | | SF14-SI:12 | |
| SF15-SI:12 | 00x12 | 12 | 00x12 | | SF16-SI:12 | |
| SF17-SI:12 | 00x13 | 13 | 00x13 | | SF18-SI:12 | |
| SF19-SI:12 | 00x14 | 14 | 00x14 | | SF20-SI:12 | |
| SF21-SI:12 | 00x15 | 15 | 00x15 | | SF22-SI:12 | |
| SF23-SI:12 | 00x16 | 16 | 00x16 | | SF24-SI:12 | |
| | | 17 | | | | |
| HC01E987 | | 18 | 00x18 | | SF1-SI:94 | |
| HC01E987 | | 19 | 00x19 | | SF2-SI:94 | |
| SF3-SI:94 | 00x20 | 20 | 00x20 | | SF4-SI:94 | |
| SF5-SI:94 | 00x21 | 21 | 00x21 | | SF6-SI:94 | |
| SF7-SI:94 | 00x22 | 22 | 00x22 | | SF8-SI:94 | |
| SF9-SI:94 | 00x23 | 23 | 00x23 | | SF10-SI:94 | |
| SF11-SI:94 | 00x24 | 24 | 00x24 | | SF12-SI:94 | |
| SF13-SI:94 | 00x25 | 25 | 00x25 | | SF14-SI:94 | |
| SF15-SI:94 | 00x26 | 26 | 00x26 | | SF16-SI:94 | |
| SF17-SI:94 | 00x27 | 27 | 00x27 | | SF18-SI:94 | |
| SF19-SI:94 | 00x28 | 28 | 00x28 | | SF20-SI:94 | |
| SF21-SI:94 | 00x29 | 29 | 00x29 | | SF22-SI:94 | |
| SF23-SI:94 | 00x30 | 30 | 00x30 | | SF24-SI:94 | |
| | | 31 | | | | |
| -EH-HC01F001 | | 32 | ±20x32 | | HLW | |
| | | 33 | | | | |
| | | 34 | | | | |
| | | 35 | | | | |
| | | 36 | | | | |
| | | 37 | | | | |
| | | 38 | | | | |
| | | 39 | | | | |
| | | 40 | | | | |
| 779 | | 41 | 00x41 | | KL1:15 | |
| | | 42 | | | | |
| 742 | | 43 | 00x43 | | KL1:16 | |
| | | 44 | | | | |
| +EB | | 45 | 00x45 | | KL2:1 | |
| | | 46 | 00x46 | | KL2:2 | |
| | | 47 | 00x47 | | KL2:5 | |
| ⊕ EB | | 48 | | | | |
| | | 49 | 00x49 | | KL2:3 | |
| | | 50 | 00x50 | | KL2:4 | |
| | | 51 | 00x51 | | KL2:7 | |
| | | 52 | | | | |
| | | 53 | | | | |
| | | 54 | | | | |
| | | 55 | | | | |
| | | 56 | | | | |
| | | 57 | | | | |
| | | 58 | | | | |
| | | 59 | | | | |
| | | 60 | | | | |
| | | 61 | | | | |
| | | 62 | | | | |
| | | 63 | | | | |
| | | 64 | | | | |
| | | 65 | | | | |
| | | 66 | | | | |
| | | 67 | | | | |
| | | 68 | | | | |
| | | 69 | | | | |
| | | 70 | | | | |
| | | 71 | | | | |
| | | 72 | | | | |
| | | 73 | | | | |
| | | 74 | | | | |
| | | 75 | | | | |
| | | 76 | | | | |
| | | 77 | | | | |
| | | 78 | | | | |
| | | 79 | | | | |
| | | 80 | | | | |
| | | 81 | | | | |
| | | 82 | | | | |
| | | 83 | | | | |
| | | 84 | | | | |
| | | 85 | | | | |
| 00 | Цепи ~220 В | | | | | 00 |
| B | | 86 | 00x86 | | SF1/1 | |
| | | 87 | | | | |
| | | 88 | | | | |
| N | | 89 | 00x89 | | SF1/3 | |
| | | 90 | | | | |

Клеммы UT6

Кошафа спектр ЕЛК

Коробка зажимов Ra-ЦТ 2.5/2.0

Правая боковина

| | | | | | | |
|---|---|---|---|---|---|---|
| 01 | Резерв | | | | | 01 |
| SF1:4 | | 01x1 | 1 | | | |
| | | | 2 | | | |
| | | | 3 | | | |
| SF1:2 | | 01x4 | 4 | | | |
| | | | 5 | | | |
| 02 | Резерв | | | | | 02 |
| SF2:4 | | 02x1 | 1 | | | |
| | | | 2 | | | |
| | | | 3 | | | |
| SF2:2 | | 02x4 | 4 | | | |
| | | | 5 | | | |
| 03 | Резерв | | | | | 03 |
| SF3:4 | | 03x1 | 1 | | | |
| | | | 2 | | | |
| | | | 3 | | | |
| SF3:2 | | 03x4 | 4 | | | |
| | | | 5 | | | |
| 07 | Питание ПРД АКА "КЕДР" ВП 220 кВ WE03 | | | | | 07 |
| SF7:4 | | 07x1 | 1 | | | |
| | | | 2 | | | |
| | | | 3 | | | |
| SF7:2 | | 07x4 | 4 | | | |
| | | | 5 | | | |
| 08 | Питание ПРМ АКА "КЕДР" ВП 220 кВ WE03 | | | | | 08 |
| SF8:4 | | 08x1 | 1 | | | |
| | | | 2 | | | |
| | | | 3 | | | |
| SF8:2 | | 08x4 | 4 | | | |
| | | | 5 | | | |
| 09 | Резерв | | | | | 09 |
| SF9:4 | | 09x1 | 1 | | | |
| | | | 2 | | | |
| | | | 3 | | | |
| SF9:2 | | 09x4 | 4 | | | |
| | | | 5 | | | |
| 13 | МРА ВП 220 кВ WE03 | | | | | 13 |
| SF13:4 | | 13x1 | 1 | | | |
| | | | 2 | | | |
| | | | 3 | | | |
| SF13:2 | | 13x4 | 4 | | | |
| | | | 5 | | | |
| 14 | Резерв | | | | | 14 |
| SF14:4 | | 14x1 | 1 | | | |
| | | | 2 | | | |
| | | | 3 | | | |
| SF14:2 | | 14x4 | 4 | | | |
| | | | 5 | | | |
| 15 | Резерв | | | | | 15 |
| SF15:4 | | 15x1 | 1 | | | |
| | | | 2 | | | |
| | | | 3 | | | |
| SF15:2 | | 15x4 | 4 | | | |
| | | | 5 | | | |
| 19 | 1 питание МКПА ВП 220 кВ WE03 | | | | | 19 |
| SF19:4 | | 19x1 | 1 | | | |
| | | | 2 | | | |
| | | | 3 | | | |
| SF19:2 | | 19x4 | 4 | | | |
| | | | 5 | | | |
| 20 | 1 питание МКПА ВП 220 кВ WE04 | | | | | 20 |
| SF20:4 | | 20x1 | 1 | | | |
| | | | 2 | | | |
| | | | 3 | | | |
| SF20:2 | | 20x4 | 4 | | | |
| | | | 5 | | | |
| 21 | 2 питание СР-24 ВП 220 кВ WE03 | | | | | 21 |
| SF21:4 | | 21x1 | 1 | | | |
| | | | 2 | | | |
| | | | 3 | | | |
| SF21:2 | | 21x4 | 4 | | | |
| | | | 5 | | | |
| 00 | -EC1 | | | | | 00 |
| XOx14 | | 00x91 | 91 | 00x91 | | -EC1 |
| -EC1 | | | 92 | | | -EC1 |
| SAC1:8 | | 00x93 | 93 | 00x93 | | SAC2:8 |
| SAC3:8 | | 00x94 | 94 | 00x94 | | SAC4:8 |
| SAC5:8 | | 00x95 | 95 | 00x95 | | SAC6:8 |
| SAC7:8 | | 00x96 | 96 | 00x96 | | SAC8:8 |
| SAC9:8 | | 00x97 | 97 | 00x97 | | SAC10:8 |
| SAC11:8 | | 00x98 | 98 | 00x98 | | SAC12:8 |
| SAC13:8 | | 00x99 | 99 | 00x99 | | SAC14:8 |
| SAC15:8 | | 00x100 | 100 | 00x100 | | SAC16:8 |
| SAC17:8 | | 00x101 | 101 | 00x101 | | SAC18:8 |
| SAC19:8 | | 00x102 | 102 | 00x102 | | SAC20:8 |
| SAC21:8 | | 00x103 | 103 | 00x103 | | SAC22:8 |
| SAC23:8 | | 00x104 | 104 | 00x104 | | SAC24:8 |
| 00 | -EC2 | | | | | 00 |
| XOx1 | | 00x105 | 105 | 00x105 | | -EC2 |
| -EC2 | | | 106 | | | -EC2 |
| SAC1:5 | | 00x107 | 107 | 00x107 | | SAC2:5 |
| SAC3:5 | | 00x108 | 108 | 00x108 | | SAC4:5 |
| SAC5:5 | | 00x109 | 109 | 00x109 | | SAC6:5 |
| SAC7:5 | | 00x110 | 110 | 00x110 | | SAC8:5 |
| SAC9:5 | | 00x111 | 111 | 00x111 | | SAC10:5 |
| SAC11:5 | | 00x112 | 112 | 00x112 | | SAC12:5 |
| SAC13:5 | | 00x113 | 113 | 00x113 | | SAC14:5 |
| SAC15:5 | | 00x114 | 114 | 00x114 | | SAC16:5 |
| SAC17:5 | | 00x115 | 115 | 00x115 | | SAC18:5 |
| SAC19:5 | | 00x116 | 116 | 00x116 | | SAC20:5 |
| SAC21:5 | | 00x117 | 117 | 00x117 | | SAC22:5 |
| SAC23:5 | | 00x118 | 118 | 00x118 | | SAC24:5 |
| 00 | +EC1 | | | | | 00 |
| XOx18 | | 00x119 | 119 | 00x119 | | +EC1 |
| KL1/4 | | 00x120 | 120 | | | +EC1 |
| SAC1:4 | | 00x121 | 121 | 00x121 | | SAC2:4 |
| SAC3:4 | | 00x122 | 122 | 00x122 | | SAC4:4 |
| SAC5:4 | | 00x123 | 123 | 00x123 | | SAC6:4 |
| SAC7:4 | | 00x124 | 124 | 00x124 | | SAC8:4 |
| SAC9:4 | | 00x125 | 125 | 00x125 | | SAC10:4 |
| SAC11:4 | | 00x126 | 126 | 00x126 | | SAC12:4 |
| SAC13:4 | | 00x127 | 127 | 00x127 | | SAC14:4 |
| SAC15:4 | | 00x128 | 128 | 00x128 | | SAC16:4 |
| SAC17:4 | | 00x129 | 129 | 00x129 | | SAC18:4 |
| SAC19:4 | | 00x130 | 130 | 00x130 | | SAC20:4 |
| SAC21:4 | | 00x131 | 131 | 00x131 | | SAC22:4 |
| SAC23:4 | | 00x132 | 132 | 00x132 | | SAC24:4 |
| 00 | +EC2 | | | | | 00 |
| XOx7 | | 00x133 | 133 | 00x133 | | +EC2 |
| KL1/6 | | 00x134 | 134 | | | +EC2 |
| SAC1:1 | | 00x135 | 135 | 00x135 | | SAC2:1 |
| SAC3:1 | | 00x136 | 136 | 00x136 | | SAC4:1 |
| SAC5:1 | | 00x137 | 137 | 00x137 | | SAC6:1 |
| SAC7:1 | | 00x138 | 138 | 00x138 | | SAC8:1 |
| SAC9:1 | | 00x139 | 139 | 00x139 | | SAC10:1 |
| SAC11:1 | | 00x140 | 140 | 00x140 | | SAC12:1 |
| SAC13:1 | | 00x141 | 141 | 00x141 | | SAC14:1 |
| SAC15:1 | | 00x142 | 142 | 00x142 | | SAC16:1 |
| SAC17:1 | | 00x143 | 143 | 00x143 | | SAC18:1 |
| SAC19:1 | | 00x144 | 144 | 00x144 | | SAC20:1 |
| SAC21:1 | | 00x145 | 145 | 00x145 | | SAC22:1 |
| SAC23:1 | | 00x146 | 146 | 00x146 | | SAC24:1 |
| 00 | (+)EP1 | | | | | 00 |
| (+)EP1 | | | 157 | 00x157 | | (+)EP1 |
| (+)EP1 | | | 158 | | | (+)EP1 |
| (+)EP1 | | | 159 | | | (+)EP1 |
| (+)EP1 | | | 160 | | | (+)EP1 |
| (+)EP1 | | | 161 | | | (+)EP1 |
| 00 | (+)EP2 | | | | | 00 |
| XOx13 | | 00x162 | 162 | 00x162 | | (+)EP2 |
| (+)EP2 | | | 163 | | | (+)EP2 |
| (+)EP2 | | | 164 | | | (+)EP2 |
| (+)EP2 | | | 165 | | | (+)EP2 |
| (+)EP2 | | | 166 | | | (+)EP2 |
| 00 | ⊕ EC1 | | | | | 00 |
| KL1/1 | | 00x167 | 167 | 00x167 | | ⊕ EC1 |
| ⊕ EC1 | | | 168 | | | ⊕ EC1 |
| ⊕ EC1 | | | 169 | | | ⊕ EC1 |
| ⊕ EC1 | | | 170 | | | ⊕ EC1 |
| ⊕ EC1 | | | 171 | | | ⊕ EC1 |
| 00 | ⊕ EC2 | | | | | 00 |
| KL1/5 | | 00x172 | 172 | 00x172 | | ⊕ EC2 |
| ⊕ EC2 | | | 173 | | | ⊕ EC2 |
| ⊕ EC2 | | | 174 | | | ⊕ EC2 |
| ⊕ EC2 | | | 175 | | | ⊕ EC2 |
| ⊕ EC2 | | | 176 | | | ⊕ EC2 |

Клеммы UT10

Кошафа спектр ЕЛК

Коробка зажимов D-ЦТ 2.5/10

Коробка спектр ЕЛК с оранжевыми табличек KLM-A

Перемычки Вилочьить проборы ПВ-3 10 мм²

Клеммник с контрольной стороны шкафа

Клеммник с проходной стороны шкафа

Ошибки клеммы UHV 95-4S/4S

Разделитель клеммник группы UHV-ПЕ2

Кошафа спектр UHV-Е

Разделитель клеммник группы UHV-ПЕ2

Кошафа спектр UHV-Е

Ошибки клеммы UHV 95-4S/4S

Клеммник с проходной стороны шкафа

Клеммник с контрольной стороны шкафа

X0

X0

1. Для жил со спектром повторяемой клеммной цепи указать частную и обратную нумерацию

| Изм. | Кол.уч. | Лист | N док. | Подп. | Дата |
|---|---|---|---|---|---|
| Разработал | Дорогов | | | | |
| Проверил | Дорогов | | | | |
| Нач.сектора | Зайцев | | | | |
| Н.контр. | Горобченко | | | | |

Инв. N подл. R4.05269.4.0.32

РЮТОВСКИЙ АЭС. БЛОК 4.
ОПУ. Сооружение зоновой ВЧ 220 кВ
Техническое задание на изготовление шкафов РЗА и ПА ВЧ-220 кВ

R4-AE00.3960.032.01.00.001

Лит. | Масса | Масштаб

Шкаф N113 питания оперативным

Копировал

Формат А4х6

АО "НИИЭП" 2015