|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | **Акционерное общество «Радио и Микроэлектроника»** | | | | | | | | | | | |  | | | | | | | | |
| Опросный лист для заказа выключателя вакуумного РиМ ВВ серии ХХ9 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. **Выключатель вакуумный РиМ ВВ серии ХХ9** | | | | | | | | | | | | | | | | | | | | | | | | | | |
| * 1. Количество комплектов выключателей в заказе | | | | | | | | | | | | |  |  | | --- | --- | |  | компл. | | | | | | | | | | | | | | | |
| ***ВНИМАНИЕ!*** *При заказе нескольких комплектов выключателей с разной комплектацией и/или разными характеристиками необходимо заполнить опросный лист на каждую комплектацию отдельно.* | | | | | | | | | | | | | | | | | | | | | | | | | | |
| * 1. Номинальное напряжение, кВ | | | | | | | | | | |  |  | | --- | --- | |  | 6 | | | | | | | |  |  | | --- | --- | |  | 10 | | | | | | | | | | | |
| * 1. Конструктивное исполнение выключателя вакуумного РиМ ВВ | | | | | | | | | | | | | | | | | | | | | | | | | | |
| |  |  | | --- | --- | |  | 7 | | | | | | | | | |  |  | | --- | --- | |  | 8 | | | | | | | | | | |  |  | | --- | --- | |  | 9 | | | | | | | | | | |
| Iном до 1000 А, Iо,ном до 20 кА | | | | | | | | Iном до 1000 А, Iо,ном до 20 кА | | | | | | | | | Iном до 2000 А, Iо,ном до 31,5 кА | | | | | | | | | |
|  | | | | | | | |  | | | | | | | | |  | | | | | | |  | | |
|  | | |
|  | | |
| * 1. Номинальный ток, А | | | | | | | | | | | | | | | | | | | | | | | | | | |
| |  |  | | --- | --- | |  | 630 | | | | | | |  |  | | --- | --- | |  | 800 | | | | | | | | | |  |  |  | | --- | --- | --- | |  | 1000 |  | | | | | |  |  | | --- | --- | |  | 1600 | | | | | | | | | | |  |  | | --- | --- | |  | 2000 | |
| * 1. Номинальный ток отключения, кА | | | | | | | | | | | | | | | | | | | | | | | | | | |
| |  |  | | --- | --- | |  | 12,5 | | | | | | |  |  | | --- | --- | |  | 16 | | | | | | | | | |  |  | | --- | --- | |  | 20 | | | | | |  |  | | --- | --- | |  | 31,5 | | | | | | | | | | |
| * 1. Межполюсное расстояние, мм | | | | | | | | | | | | | | | | | | | | | | | | | | |
| |  |  | | --- | --- | |  | 150 | | | | | |  |  | | --- | --- | |  | 180 | | | | |  |  | | --- | --- | |  | 200 | | | |  |  | | --- | --- | |  | 210 | | | | | | | |  |  | | --- | --- | |  | 230 | | | | | | | |  |  | | --- | --- | |  | 250 | | | | | |  |  | | --- | --- | |  | 275 | | |
|  | |  | Внешний электромеханический счетчик числа срабатываний *(подключаемый к блоку управления)* | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | |  |  | | --- | --- | |  | 1 шт. | | | | | | | | | |  |  | | --- | --- | |  | не требуется | | | | | | | | | | | | | | | | |
|  | |  | Комплект платы переключателей | | | | | | | | | | | | | | | | | | | | | | | |
|  | | |  |  | | --- | --- | |  | 1 шт. (3 НР и 3 НЗ) | | | | | | | | | |  |  | | --- | --- | |  | 2 шт. (6 НР и 6 НЗ) | | | | | | | | | |  |  | | --- | --- | |  | не требуется | | | | | | | | |
|  | |  | Комплект индикатора I/O (без счетчика) | | | | | | | | | | | | | | | | | | | | | | | |
|  | | |  |  | | --- | --- | |  | 1 шт., длина троса 1 м | | | | | | | | | |  |  | | --- | --- | |  | 1 шт. длина троса 1,5 м | | | | | | | | | | |  |  |  | | --- | --- | --- | |  | не требуется |  | | | | | | | |
|  |  | | Комплект индикатора I/O (С) (со счетчиком) | | | | | | | | | | | | | | | | | | | | | | | |
|  | |  |  | | --- | --- | |  | 1 шт., длина троса 1 м | | | | | | | | | |  |  | | --- | --- | |  | 1 шт. длина троса 1,5 м | | | | | | | | | | |  |  | | --- | --- | |  | не требуется | | | | | | | |
|  |  | | Комплект блокировки (П) | | | | | | | | | | | | | | | | | | | | | | | |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | 1 шт. | длина троса |  | 1 м | | | | | | | | |  |  |  |  | | --- | --- | --- | --- | |  | 1 шт. | длина троса | 1,5 м | | | | | | | | | | | |  |  | | --- | --- | |  | не требуется | | | | | | | |
|  | |  |  |  |  | | --- | --- | --- | --- | |  | 2 шт. | длина троса | 1 м | | | | | | | | |  |  |  |  | | --- | --- | --- | --- | |  | 2 шт. | длина троса | 1,5 м | | | | | | | | | | | |  |  |  |  | | --- | --- | --- | --- | |  | 2 шт. | длина троса | 1 м и 1,5 м | | | | | | | |
|  |  | | Комплект блокировки (В) | | | | | | | | | | | | | | | | | | | | | | | |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | 1 шт. | длина троса |  | 1 м | | | | | | | | |  |  |  |  | | --- | --- | --- | --- | |  | 1 шт. | длина троса | 1,5 м | | | | | | | | | | | |  |  | | --- | --- | |  | не требуется | | | | | | | |
|  | |  |  |  |  | | --- | --- | --- | --- | |  | 2 шт. | длина троса | 1 м | | | | | | | | |  |  |  |  | | --- | --- | --- | --- | |  | 2 шт. | длина троса | 1,5 м | | | | | | | | | | | |  |  |  |  | | --- | --- | --- | --- | |  | 2 шт. | длина троса | 1 м и 1,5 м | | | | | | | |
| **Для выключателей с кодом конструктивного исполнения 7, 8 (Iном до 1000 А, Iо,ном до 20 кА)** | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | |  | Кабель ВВ9\_20, длина 3 м  *(для подключения к блоку управления)* | | | | | | | | | | | |  |  | | --- | --- | |  | шт. | | | | | | | | | |  |  | | --- | --- | |  | не требуется | | | | | |
|  | |  | Комплект изоляторов | | | | | | | | | | | |  |  | | --- | --- | |  | компл. | | | | | | | | | |  |  | | --- | --- | |  | не требуется | | | | | |
|  | |  | Комплект ошиновки (III) | | | | | | | | | | | |  |  | | --- | --- | |  | компл. | | | | | | | | | |  |  | | --- | --- | |  | не требуется | | | | | |
|  | |  | Комплект крепления ВВ9\_20 | | | | | | | | | | | |  |  | | --- | --- | |  | компл. | | | | | | | | | |  |  | | --- | --- | |  | не требуется | | | | | |
|  | |  | Комплект крышек | | | | | | | | | | | |  |  | | --- | --- | |  | компл. | | | | | | | | | |  |  | | --- | --- | |  | не требуется | | | | | |
| **Для выключателей с кодом конструктивного исполнения 9 (Iном до 2000 А, Iо,ном до 31,5 кА)** | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | |  | Кабель ВВ9\_31,5, длина 3 м  *(для подключения к блоку управления)* | | | | | | | | | | | |  |  | | --- | --- | |  | шт. | | | | | | | | | | |  |  | | --- | --- | |  | не требуется | | | | |
|  | |  | Комплект крепления ВВ9\_31,5 | | | | | | | | | | | |  |  | | --- | --- | |  | компл. | | | | | | | | | | |  |  | | --- | --- | |  | не требуется | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1. **Блок управления РиМ БУ выключателем вакуумным РиМ ВВ** | | | | | | | | | | | | | | | | | | | | | | |
| **Характеристика** | | | | | | | **Серия блока управления РиМ БУ** | | | | | | | | | | | | | | | |
| **21** | | **31** | | | | | | **51** | | **41** | | | **61** | | **63** |
| Оперативно питание, В | | | | | | | =220/~230 | | | | | | | | | | | | | =220/ ~230 | | =24 |
| Резервное питание, В | | | | | | | =24 | | | | | | | | | | | | | =24 | |  |
| Питание от токовых цепей | | | | | | | + | | + | | | | | |  | | + | | |  | |  |
| Встроенная функция дешунтирования | | | | | | | + | |  | | | | | |  | | + | | |  | |  |
| Наличие микросопт\*) | | | | | | | + | |  | | | | | |  | |  | | |  | |  |
| Функция самодиагностики | | | | | | | + | | + | | | | | | + | |  | | |  | |  |
| Управление по цепям напряжения (ОВИ, ВВИ) | | | | | | | + | | + | | | | | | + | |  | | |  | |  |
| Цифровые интерфейсы связи | | | | | | |  | |  | | | | | |  | |  | | | + | | + |
| Группа выходов НЕИСПР, БЛОК, ГОТОВ | | | | | | | + | | + | | | | | | + | |  | | |  | |  |
| Группа выходов ГОТОВ | | | | | | |  | |  | | | | | |  | | + | | |  | |  |
| Программно-настраиваемые дискретные выходы ДВ | | | | | | |  | |  | | | | | |  | |  | | | + | | + |
| Разъем для подключения внешнего электромеханического счетчика | | | | | | | + | | + | | | | | | + | |  | | |  | |  |
| Встроенный программный счетчик циклов ВО | | | | | | |  | |  | | | | | |  | |  | | | + | | + |
| * 1. Количество блоков управлений | | | | | | | |  |  | | --- | --- | |  | шт. | | | |  |  | | --- | --- | |  | шт. | | | | | | | |  |  | | --- | --- | |  | шт. | | | |  |  | | --- | --- | |  | шт. | | | | |  |  | | --- | --- | |  | шт. | | | |  |  | | --- | --- | |  | шт. | |
| * 1. Комплект монтажный РиМ БУ | | | | | | | |  |  | | --- | --- | |  | компл. | | | | | | | | | |  |  | | --- | --- | |  | не требуется | | | | | | | | |
| 1. **ДОПОЛНИТЕЛЬНАЯ КОМПЛЕКТАЦИЯ** | | | | | | | | | | | | | | | | | | | | | | |
| * 1. Блок механизированного включения РиМ БМВ | | | | | | | | | | | | | | | | | | | | | | |
|  | *с АКБ и с генератором ручного включения (РиМ БМВ-03)* | |  | | *с АКБ, без генератора ручного включения (РИМ БМВ-04)* | | | | |  | | | | *без АКБ, с генератором ручного включения (РИМ БМВ-06)* | | | | | | | |  |  | | --- | --- | |  | не требуется | | |
| |  |  | | --- | --- | |  | шт. | | | | |  |  | | --- | --- | |  | шт. | | | | | | | | |  |  | | --- | --- | |  | шт. | | | | | | | | | | | |
| * 1. Разъем 2РМДТ18Б4Ш5 (или аналогичный) для подключения РиМ БМВ | | | | | | | | | | | | | |  |  | | --- | --- | |  | шт. | | | | | | | |  |  | | --- | --- | |  | не требуется | | | | |
| * 1. Блок дешунтирования РиМ БДШ  *(для блоков управлений серии 41, 51)* | | | | | | | | | | | | | |  |  | | --- | --- | |  | шт. | | | | | | | |  |  | | --- | --- | |  | не требуется | | | | |
| * 1. Пульт дистанционного управления РиМ ПДУ  *(для блоков управлений серии 61, 63)* | | | | | | | | | | | | | |  |  | | --- | --- | |  | шт. | | | | | | | |  |  | | --- | --- | |  | не требуется | | | | |
| * 1. Выносной пульт управления РиМ ВПУ | | | | | | | | | | | | | |  |  | | --- | --- | |  | шт. | | | | | | | |  |  | | --- | --- | |  | не требуется | | | | |
| * 1. Ограничители перенапряжения | | | | | | | | | | | | | |  |  | | --- | --- | |  | шт. | | | | | | | |  |  | | --- | --- | |  | не требуются | | | | |
| * 1. Другое \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  *(указать необходимую комплектацию)* | | | | | | | | | | | | | | | | | | | | | | |
| 1. **МОДЕРНИЗАЦИЯ** | | | | | | | | | | | | | | | | | | | | | | |
| * 1. Наименование модернизируемой ячейки | | | |  | | | | | | | | | | | | | | | | | | |
| * 1. Тип модернизируемой ячейки | | | | |  |  | | --- | --- | |  | стационарный | | | | | |  |  | | --- | --- | |  | выкатной | | | | | | | | | | | | | | | |
| * 1. Заменяемый выключатель (указать тип, наименование) | | | |  | | | | | | | | | | | | | | | | | | |
| * 1. Комплект адаптации | | | | |  |  | | --- | --- | |  | да | | | |  |  | | --- | --- | |  | не требуется | | | | | | | | | | | | | | | | | |
| * 1. Новый выкатной элемент | | | | |  |  | | --- | --- | |  | да | | | |  |  | | --- | --- | |  | не требуется | | | | | | | | | | | | | | | | | |
| * 1. Тип присоединения выкатного элемента | | | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | контакт втычной (тюльпан) | ∅ 24 мм |  |  | ∅ 36 мм |  | | | | | | | | | | | | | | | | | | | |
| |  |  |  | | --- | --- | --- | | ламельный |  | шт. | | | | | | | | | | | | |  |  | | --- | --- | |  | не требуется | | | | | | | | |
| * 1. Установка блока управления в | | | | |  |  | | --- | --- | |  | релейный шкаф | | | | | | | | | | | | |  |  | | --- | --- | |  | выкатной элемент | | | | | | | | |
| * 1. Разъем соединения с ячейкой | | | | |  |  | | --- | --- | |  | Harting (или аналогичный) | | | | | | | | | |  |  | | --- | --- | |  | СШР | | | | | |  |  | | --- | --- | |  | не требуется | | | | | | | |
| |  |  |  | | --- | --- | --- | | количество контактов |  | шт. | | | | | | | | | | | | | | | | | | | |
| * + 1. Ответная часть | | | | |  |  | | --- | --- | |  | да | | | | | | | | | | | | |  |  | | --- | --- | |  | не требуется | | | | | | | | |
| |  |  | | --- | --- | |  | м длина провода | | | | | | | | | | | |  | | | | | | | |
| 1. **ПАРАМЕТРЫ НАГРУЗКИ** | | | | | | | | | | | | | | | | | | | | | | |
| * 1. Характер нагрузки | | | | |  |  | | --- | --- | |  | активная | | | | | |  |  | | --- | --- | |  | индуктивная | | | | | | | | | | | |  |  | | --- | --- | |  | емкостная | | | | | |
| * 1. Тип потребителя | | | | |  |  | | --- | --- | |  | питающий фидер РП | | | | | | | | |  |  | | --- | --- | |  | отходящий фидер | | | | | | | | | | | | |
| |  |  | | --- | --- | |  | синхронный двигатель | | | | | | | | |  |  | | --- | --- | |  | асинхронный двигатель | | | | | | | | | | | | |
| |  |  | | --- | --- | |  | насос/компрессор | | | | | | | | |  |  | | --- | --- | |  | плавильная печь | | | | | | | | | | | | |
| |  |  | | --- | --- | |  | карьерная техника | | | | | | | | другое\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | | | | | | | | |
| \*) Встроенная система накопителей электрической энергии, предназначенная для обеспечения питания блока управления оперативным постоянным током в течении 24 часов. | | | | | | | | | | | | | | | | | | | | | | |
| **СВЕДЕНИЯ О ЗАКАЗЧИКЕ** | | | | | | | | | | | | | | | | | | | | | | |
| Организация: | |  | | | | | | | | | | | | | | | | | | | | |
| Адрес: | |  | | | | | | | | | | | | | | | | | | | | |
| Контактное лицо (ФИО): | |  | | | | | | | | | | | | | | | | | | | | |
| Должность: | |  | | | | | | | | | | | | | | | | | | | | |
| Телефон: | |  | | | | | | | | | | | | | | | | | | | | |
| E-mail: | |  | | | | | | | | | | | | | | | | | | | | |
| **ПОЖЕЛАНИЯ ЗАКАЗЧИКА** | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | |
| **Обратная связь:** [**info@rimdigit.ru**](mailto:info@rimdigit.ru)  **ВНИМАНИЕ! Перед заказом рекомендуем уточнить актуальный опросный лист.** | | | | | | | | | | | | | | | | | | | | | | |