

# ANEXO CONJUNTOS ESPECIALES

## CARACTERÍSTICAS

Para instalaciones donde se necesite comunicar entre más de dos elementos, se pueden asociar más SRR4 al conjunto estándar. En estos conjuntos especiales, se pueden especificar las funciones de cada equipo ya que, al tener 4 entradas y 4 salidas, cuando hay más de 2 equipos en el conjunto, no es posible que todos reproduzcan en sus salidas las entradas del resto de equipos.

### Tensión de alimentación

La tensión de alimentación de los equipos que añadimos al conjunto puede ser diferente. Por ejemplo, se puede adquirir un conjunto de SRR4 con alimentación a 230 Vac y añadir un SRR4 con alimentación a 24 Vdc.

### Comunicación

Los equipos que se añadan al conjunto deben comunicarse en la misma banda de frecuencia. Si el conjunto se comunica en la banda de 868 MHz, el equipo o equipos añadidos deberán ser también con comunicación a 868 MHz. En caso de pérdida de comunicación, las salidas pueden mantener el estado de la última comunicación válida o pueden abrir los relés, consultar con IED Electronics.

Se pueden añadir unidades al conjunto que hagan función de repetidor para aumentar el alcance.

## EJEMPLOS

### 3 EQUIPOS

#### CONFIGURACIÓN 170406:

| ENTRADAS |      | SALIDAS                                |       |       |       |          |       |       |       |          |       |       |       |
|----------|------|--|-------|-------|-------|----------|-------|-------|-------|----------|-------|-------|-------|
|          |      | SE REPRODUCE EN LAS SIGUIENTES SALIDAS |       |       |       |          |       |       |       |          |       |       |       |
|          |      | UNIDAD A                               |       |       |       | UNIDAD B |       |       |       | UNIDAD C |       |       |       |
|          |      | OUT-1                                  | OUT-2 | OUT-3 | OUT-4 | OUT-1    | OUT-2 | OUT-3 | OUT-4 | OUT-1    | OUT-2 | OUT-3 | OUT-4 |
| UNIDAD A | IN-1 |  |       |       |       | X        |       |       |       |          |       |       |       |
|          | IN-2 |  |       |       |       |          | X     |       |       |          |       |       |       |
|          | IN-3 |  |       |       |       |          |       |       |       | X        |       |       |       |
|          | IN-4 |  |       |       |       |          |       |       |       |          | X     |       |       |
| UNIDAD B | IN-1 | X                                      |       |       |       |          |       |       |       |          |       |       |       |
|          | IN-2 |  | X     |       |       |          |       |       |       |          |       |       |       |
|          | IN-3 |  |       |       |       |          |       |       |       |          |       |       |       |
|          | IN-4 |  |       |       |       |          |       |       |       |          |       |       |       |
| UNIDAD C | IN-1 |  |       | X     |       |          |       |       |       |          |       |       |       |
|          | IN-2 |  |       |       | X     |          |       |       |       |          |       |       |       |
|          | IN-3 |  |       |       |       |          |       |       |       |          |       |       |       |
|          | IN-4 |  |       |       |       |          |       |       |       |          |       |       |       |

#### CONFIGURACIÓN 170727:

| ENTRADAS |      | SALIDAS                                |       |       |       |          |       |       |       |          |       |       |       |
|----------|------|--|-------|-------|-------|----------|-------|-------|-------|----------|-------|-------|-------|
|          |      | SE REPRODUCE EN LAS SIGUIENTES SALIDAS |       |       |       |          |       |       |       |          |       |       |       |
|          |      | UNIDAD A                               |       |       |       | UNIDAD B |       |       |       | UNIDAD C |       |       |       |
|          |      | OUT-1                                  | OUT-2 | OUT-3 | OUT-4 | OUT-1    | OUT-2 | OUT-3 | OUT-4 | OUT-1    | OUT-2 | OUT-3 | OUT-4 |
| UNIDAD A | IN-1 |  |       |       |       | X        |       |       |       | X        |       |       |       |
|          | IN-2 |  |       |       |       |          | X     |       |       |          | X     |       |       |
|          | IN-3 |  |       |       |       |          |       | X     |       |          |       | X     |       |
|          | IN-4 |  |       |       |       |          |       |       | X     |          |       |       | X     |
| UNIDAD B | IN-1 | X                                      |       |       |       |          |       |       |       |          |       |       |       |
|          | IN-2 |  | X     |       |       |          |       |       |       |          |       |       |       |
|          | IN-3 |  |       |       |       |          |       |       |       |          |       |       |       |
|          | IN-4 |  |       |       |       |          |       |       |       |          |       |       |       |
| UNIDAD C | IN-1 |  |       |       |       |          |       |       |       |          |       |       |       |
|          | IN-2 |  |       |       |       |          |       |       |       |          |       |       |       |
|          | IN-3 |  |       | X     |       |          |       |       |       |          |       |       |       |
|          | IN-4 |  |       |       | X     |          |       |       |       |          |       |       |       |

**CONFIGURACIÓN 170904:**

| ENTRADAS |      | SALIDAS                                |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |  |   |   |   |
|----------|------|--|-------|-------|-------|----------|-------|-------|-------|----------|-------|-------|-------|----------|-------|-------|-------|--|---|---|---|
|          |      | SE REPRODUCE EN LAS SIGUIENTES SALIDAS |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |  |   |   |   |
|          |      | UNIDAD A                               |       |       |       | UNIDAD B |       |       |       | UNIDAD C |       |       |       | UNIDAD D |       |       |       |  |   |   |   |
|          |      | OUT-1                                  | OUT-2 | OUT-3 | OUT-4 | OUT-1    | OUT-2 | OUT-3 | OUT-4 | OUT-1    | OUT-2 | OUT-3 | OUT-4 | OUT-1    | OUT-2 | OUT-3 | OUT-4 |  |   |   |   |
| UNIDAD A | IN-1 |  |       |       |       | X        |       |       |       |          | X     |       |       | X        |       |       |       |  |   |   |   |
|          | IN-2 |  |       |       |       |          | X     |       |       |          |       |       |       | X        | X     |       |       |  | X |   |   |
|          | IN-3 |  |       |       |       |          |       | X     |       |          |       |       |       |          |       | X     |       |  |   | X |   |
|          | IN-4 |  |       |       |       |          |       |       | X     |          |       |       |       |          |       |       | X     |  |   |   | X |
| UNIDAD B | IN-1 | X                                      |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |  |   |   |   |
|          | IN-2 |  |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |  |   |   |   |
|          | IN-3 |  |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |  |   |   |   |
|          | IN-4 |  |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |  |   |   |   |
| UNIDAD C | IN-1 |  | X     |       |       |          |       |       |       |          |       |       |       |          |       |       |       |  |   |   |   |
|          | IN-2 |  |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |  |   |   |   |
|          | IN-3 |  |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |  |   |   |   |
|          | IN-4 |  |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |  |   |   |   |
| UNIDAD D | IN-1 |  |       | X     |       |          |       |       |       |          |       |       |       |          |       |       |       |  |   |   |   |
|          | IN-2 |  |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |  |   |   |   |
|          | IN-3 |  |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |  |   |   |   |
|          | IN-4 |  |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |  |   |   |   |

**CONFIGURACIÓN 150526:**

| ENTRADAS             |      | SALIDAS                                |       |       |       |          |       |       |       |                      |       |       |       |                      |       |       |       |  |   |  |   |
|----------------------|------|--|-------|-------|-------|----------|-------|-------|-------|----------------------|-------|-------|-------|----------------------|-------|-------|-------|--|---|--|---|
|                      |      | SE REPRODUCE EN LAS SIGUIENTES SALIDAS |       |       |       |          |       |       |       |                      |       |       |       |                      |       |       |       |  |   |  |   |
|                      |      | UNIDAD A                               |       |       |       | UNIDAD B |       |       |       | UNIDAD C (Receptora) |       |       |       | UNIDAD D (Receptora) |       |       |       |  |   |  |   |
|                      |      | OUT-1                                  | OUT-2 | OUT-3 | OUT-4 | OUT-1    | OUT-2 | OUT-3 | OUT-4 | OUT-1                | OUT-2 | OUT-3 | OUT-4 | OUT-1                | OUT-2 | OUT-3 | OUT-4 |  |   |  |   |
| UNIDAD A             | IN-1 |  |       |       |       | X        |       |       |       |                      | X     |       |       | X                    |       |       |       |  |   |  |   |
|                      | IN-2 |  |       |       |       |          | X     |       |       |                      |       |       |       | X                    | X     |       |       |  | X |  |   |
|                      | IN-3 |  |       |       |       |          |       |       |       |                      |       |       |       |                      |       |       |       |  |   |  |   |
|                      | IN-4 |  |       |       |       |          |       |       |       |                      |       |       |       |                      |       |       |       |  |   |  |   |
| UNIDAD B             | IN-1 |  |       |       |       |          |       |       |       |                      |       | X     |       |                      |       | X     |       |  |   |  |   |
|                      | IN-2 |  |       |       |       |          |       |       |       |                      |       |       | X     |                      |       |       |       |  |   |  | X |
|                      | IN-3 |  |       |       |       |          |       |       |       |                      |       |       |       |                      |       |       |       |  |   |  |   |
|                      | IN-4 |  |       |       |       |          |       |       |       |                      |       |       |       |                      |       |       |       |  |   |  |   |
| UNIDAD C (Receptora) | IN-1 |  |       |       |       |          |       |       |       |                      |       |       |       |                      |       |       |       |  |   |  |   |
|                      | IN-2 |  |       |       |       |          |       |       |       |                      |       |       |       |                      |       |       |       |  |   |  |   |
|                      | IN-3 |  |       |       |       |          |       |       |       |                      |       |       |       |                      |       |       |       |  |   |  |   |
|                      | IN-4 |  |       |       |       |          |       |       |       |                      |       |       |       |                      |       |       |       |  |   |  |   |
| UNIDAD D (Receptora) | IN-1 |  |       |       |       |          |       |       |       |                      |       |       |       |                      |       |       |       |  |   |  |   |
|                      | IN-2 |  |       |       |       |          |       |       |       |                      |       |       |       |                      |       |       |       |  |   |  |   |
|                      | IN-3 |  |       |       |       |          |       |       |       |                      |       |       |       |                      |       |       |       |  |   |  |   |
|                      | IN-4 |  |       |       |       |          |       |       |       |                      |       |       |       |                      |       |       |       |  |   |  |   |

**CONFIGURACIÓN 170203:**

| ENTRADAS |      | SALIDAS                                |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |
|----------|------|--|-------|-------|-------|----------|-------|-------|-------|----------|-------|-------|-------|----------|-------|-------|-------|
|          |      | SE REPRODUCE EN LAS SIGUIENTES SALIDAS |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |
|          |      | UNIDAD A                               |       |       |       | UNIDAD B |       |       |       | UNIDAD C |       |       |       | UNIDAD D |       |       |       |
|          |      | OUT-1                                  | OUT-2 | OUT-3 | OUT-4 | OUT-1    | OUT-2 | OUT-3 | OUT-4 | OUT-1    | OUT-2 | OUT-3 | OUT-4 | OUT-1    | OUT-2 | OUT-3 | OUT-4 |
| UNIDAD A | IN-1 |  |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |
|          | IN-2 |  |       |       |       |          |       |       |       |          |       |       |       | X        |       |       |       |
|          | IN-3 |  |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |
|          | IN-4 |  |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |
| UNIDAD B | IN-1 |  |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |
|          | IN-2 |  |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |
|          | IN-3 |  |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |
|          | IN-4 |  |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |
| UNIDAD C | IN-1 |  |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |
|          | IN-2 |  |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |
|          | IN-3 |  |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |
|          | IN-4 |  |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |
| UNIDAD D | IN-1 | X                                      |       |       |       | X        |       |       |       |          |       |       |       |          |       |       |       |
|          | IN-2 |  | X     |       |       |          | X     |       |       |          |       | X     |       |          |       |       |       |
|          | IN-3 |  |       | X     |       |          | X     |       |       |          |       |       | X     |          |       |       |       |
|          | IN-4 |  |       |       | X     |          |       | X     |       | X        |       |       |       |          |       |       |       |

**NOTA:**

OUT-1 de Unidad D es la operación OR de las 3 entradas.

**5 EQUIPOS**

**CONFIGURACIÓN 170904:**

| ENTRADAS |      | SALIDAS                                |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |
|----------|------|--|-------|-------|-------|----------|-------|-------|-------|----------|-------|-------|-------|----------|-------|-------|-------|----------|-------|-------|-------|
|          |      | SE REPRODUCE EN LAS SIGUIENTES SALIDAS |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |
|          |      | UNIDAD A                               |       |       |       | UNIDAD B |       |       |       | UNIDAD C |       |       |       | UNIDAD D |       |       |       | UNIDAD E |       |       |       |
|          |      | OUT-1                                  | OUT-2 | OUT-3 | OUT-4 | OUT-1    | OUT-2 | OUT-3 | OUT-4 | OUT-1    | OUT-2 | OUT-3 | OUT-4 | OUT-1    | OUT-2 | OUT-3 | OUT-4 | OUT-1    | OUT-2 | OUT-3 | OUT-4 |
| UNIDAD A | IN-1 |  |       |       |       | X        |       |       |       | X        |       |       |       | X        |       |       |       | X        |       |       |       |
|          | IN-2 |  |       |       |       |          | X     |       |       |          | X     |       |       |          | X     |       |       |          | X     |       |       |
|          | IN-3 |  |       |       |       |          |       | X     |       |          |       | X     |       |          |       | X     |       |          |       | X     |       |
|          | IN-4 |  |       |       |       |          |       |       | X     |          |       |       | X     |          |       |       | X     |          |       |       | X     |
| UNIDAD B | IN-1 | X                                      |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |
|          | IN-2 |  |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |
|          | IN-3 |  |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |
|          | IN-4 |  |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |
| UNIDAD C | IN-1 |  | X     |       |       |          |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |
|          | IN-2 |  |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |
|          | IN-3 |  |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |
|          | IN-4 |  |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |
| UNIDAD D | IN-1 |  |       | X     |       |          |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |
|          | IN-2 |  |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |
|          | IN-3 |  |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |
|          | IN-4 |  |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |
| UNIDAD E | IN-1 |  |       |       | X     |          |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |
|          | IN-2 |  |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |
|          | IN-3 |  |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |
|          | IN-4 |  |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |          |       |       |       |