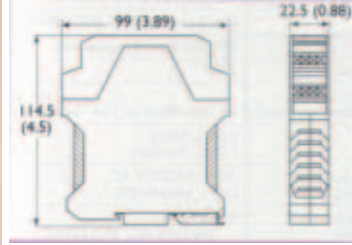


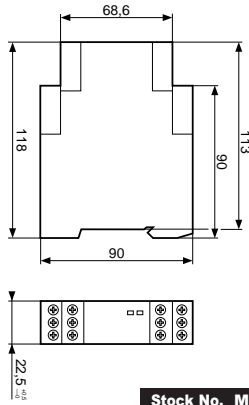
**Expansion Unit  
MSR132E**



An additional 4N/O and 2N/C safety contacts can be added to a system by using the MSR132E. Features removable terminals. Available with delayed outputs, consult sales.

| Stock No. | Manf Ref'   | Type                         | Unit Price |       |       |
|-----------|-------------|------------------------------|------------|-------|-------|
|           |             |                              | 1-4        | 5-9   | 10-24 |
| 5106333   | 440R-E23097 | 24VAC/DC 4N/C+1N/O REMOVABLE | 98.00      | 95.55 | 93.10 |

**Safety Relay 'KNA3-XS'**

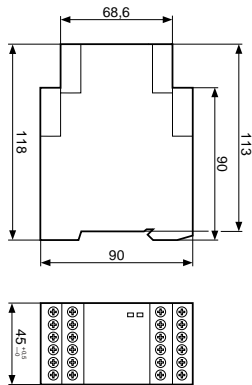


The KNA3-XS is an emergency stop/mobile guard monitor with one or two channel input safety relay for use in category 3 systems. Featuring 3 N/O safety contacts & 1 N/C auxiliary contact. Offers safety via redundancy and self checking, feedback control loop for monitoring external relays/contactors.

|                       |                                   |
|-----------------------|-----------------------------------|
| Power supply          | 24V AC/DC or 24/260V AC           |
| Switching capacity    | 1500VA Resistive                  |
| Relay outputs         | 3 N/O (safety), 1 N/C (auxiliary) |
| Temperature           | 0°C to +50°C                      |
| LED indication        | Power supply, Relay output        |
| Fixings               | 35 mm din rail mounting           |
| Housing               | Polycarbonate                     |
| Conforms to standards | EN954-1, UL508, BG approved       |

| Stock No. | Manf Ref'  | Type       | Unit Price |       |       |
|-----------|------------|------------|------------|-------|-------|
|           |            |            | 1-4        | 5-9   | 10-24 |
| 3261716   | 85 100 036 | 24V AC/DC  | 80.00      | 76.00 | 72.00 |
| 3261719   | 85 100 037 | 40/260V AC | 82.00      | 77.90 | 73.80 |

**Two Hand Control  
Monitoring Relay 'KZH3-RS'**



The KZH3-RS is a two hand control device that can receive the following components as inputs: two pushbuttons with two positions "N/O + N/C", one or two emergency stop pushbuttons with one or two channels. The number of contacts of the KZH3-RS can be extended and the breaking capacity increased when used with the KZE3-XS.

|                       |   |
|-----------------------|---|
| Power supply          | 230 V AC                                |
| Switching capacity    | 1500VA Resistive                        |
| Relay outputs         | 3 N/O (safety), 1 N/C (auxiliary)       |
| Safety input          | 2 x 2 pole (1 N/C + 1 N/O) hand buttons |
| Temperature           | 0°C to +50°C                            |
| LED indication        | Power supply, relay output              |
| Fixings               | 35 mm din rail mounting                 |
| Housing               | Polycarbonate                           |
| Conforms to standards | EN954-1 (cat. 4), UL508, BG approved    |

| Stock No. | Manf Ref'  | Type   | Unit Price |        |        |
|-----------|------------|--------|------------|--------|--------|
|           |            |        | 1-4        | 5-9    | 10-24  |
| 3261752   | 85 100 635 | 230VAC | 180.00     | 171.00 | 162.00 |