



HR520

## ELR 0.03-10A TIME DELAY 50% LED

Product Datasheet

### Main electrical features

|                              |       |
|------------------------------|-------|
| Rated operational voltage Ue | 230 V |
|------------------------------|-------|

### Voltage

|                       |       |
|-----------------------|-------|
| Max operating voltage | 276 V |
|-----------------------|-------|

### Electric current

|                                  |                                               |
|----------------------------------|-----------------------------------------------|
| Rated residual operating current | 30 / 100 / 300 / 500 / 1000 / 3000 / 10000 mA |
|----------------------------------|-----------------------------------------------|

|                             |              |
|-----------------------------|--------------|
| Torroids : Allowed overload | 30kA / 100ms |
|-----------------------------|--------------|

### Power

|                |      |
|----------------|------|
| Power consumed | 5 VA |
|----------------|------|

### Installation, mounting

|                   |       |
|-------------------|-------|
| Tightening torque | 1,7Nm |
|-------------------|-------|

### Connection

|                                           |                        |
|-------------------------------------------|------------------------|
| Connection cross-sect. flexible conductor | 1 / 2,5mm <sup>2</sup> |
|-------------------------------------------|------------------------|

|                                    |                        |
|------------------------------------|------------------------|
| Connection cross-sect. rigid cable | 1,5 / 4mm <sup>2</sup> |
|------------------------------------|------------------------|

|                                                                |                         |
|----------------------------------------------------------------|-------------------------|
| Connection cross-section in flexible cable for the measurement | 1 / 2,5 mm <sup>2</sup> |
|----------------------------------------------------------------|-------------------------|

|                                                               |                         |
|---------------------------------------------------------------|-------------------------|
| Connection cross-section in massive cable for the measurement | 1,5 / 4 mm <sup>2</sup> |
|---------------------------------------------------------------|-------------------------|

### Settings

|                                |                                     |
|--------------------------------|-------------------------------------|
| Time delay of residual current | 0 / 0,1 / 0,3 / 0,4 / 0,5 / 1 / 3 s |
|--------------------------------|-------------------------------------|

### Standards

|                         |           |
|-------------------------|-----------|
| European directive WEEE | concerned |
|-------------------------|-----------|

### Safety

|                     |      |
|---------------------|------|
| Protection index IP | IP30 |
|---------------------|------|

|                       |   |
|-----------------------|---|
| Residual current type | A |
|-----------------------|---|

|                                      |     |
|--------------------------------------|-----|
| Earth leakage protection with toroid | yes |
|--------------------------------------|-----|

### Use conditions

|                       |             |
|-----------------------|-------------|
| Operating temperature | -10...55 °C |
|-----------------------|-------------|

|          |        |
|----------|--------|
| Altitude | 2000 m |
|----------|--------|

|                               |             |
|-------------------------------|-------------|
| Storage/transport temperature | -20...70 °C |
|-------------------------------|-------------|