

**VARISTOR 130VAC/170VDC 1200A 9MM**

**€ 1,09**

Excl. BTW: € 0,90

**Afbeeldingen**



**Beschrijving**

**Features**

- Round varistor element, wired
- Epoxy resin coating, flame retardant to UL94V-0
- No derating up to 85°C ambient temperature

**Technical Specifications**

|                              |              |
|------------------------------|--------------|
| Storage Temperature:         | -40...+125°C |
| Temperature Range:           | -40...+85°C  |
| Test Voltage, Min.:          | 2500Vrms     |
| Insulation Resistance, Min.: | 10MΩ         |
| Response Time, Max.:         | 25ns         |

| Part Nr.            | $U_{RMS}$<br>[V AC] | $U_{dc}$<br>[V DC] | $U_V$<br>[V] | $DU_V$<br>[%] | $U_S$<br>[V] |
|---------------------|---------------------|--------------------|--------------|---------------|--------------|
| S_K11               | 11                  | 14                 | 18           | ±10           | 36           |
| S_K25               | 25                  | 31                 | 39           | ±10           | 77           |
| S_K30               | 30                  | 38                 | 47           | ±10           | 93           |
| S_K50               | 50                  | 65                 | 82           | ±10           | 135          |
| S_K60               | 60                  | 85                 | 100          | ±10           | 165          |
| S07K130 / VDR130/07 | 130                 | 170                | 205          | ±10           | 340          |
| S_K230              | 230                 | 300                | 360          | ±10           | 595          |
| S_K250              | 250                 | 320                | 390          | ±10           | 650          |
| S_K275              | 275                 | 350                | 430          | ±10           | 710          |
| S_K300              | 300                 | 385                | 470          | ±10           | 775          |
| S_K420              | 420                 | 560                | 680          | ±10           | 1120         |
| S_K460              | 460                 | 615                | 751          | ±10           | 1240         |

$U_{RMS}$  = AC Operating, Max.,  $U_{dc}$  = DC Operating Voltage, Max.,  $U_V$  = Varistor Voltage (1mA),  $DU_V$  = Tolerance of Varistor Voltage,  $U_S$  = Max. Clamping Voltage

| Part Nr.          | $I_{Max.}$<br>[A] | $E_{Max.}$<br>[J] | $P_{Max.}$<br>[W] | $C_{typ.}$<br>[pf] |
|-------------------|-------------------|-------------------|-------------------|--------------------|
| S05K11            | 100               | 0,3               | 0,01              | 1750               |
| S05K25 / VDR25/05 | 100               | 0,7               | 0,01              | 850                |
| S07K25 / VDR25/07 | 250               | 1,6               | 0,02              | 1400               |
| S10K25 / VDR25    | 500               | 3,7               | 0,05              | 3200               |
| S05K30 / VDR30/05 | 100               | 0,9               | 0,01              | 720                |
| S07K30 / VDR30/07 | 250               | 2,0               | 0,02              | 1200               |
| S10K30 / VDR30    | 500               | 4,4               | 0,05              | 2750               |
| S10K50            | 2500              | 8,4               | 0,4               | 950                |

|                     |      |       |      |     |
|---------------------|------|-------|------|-----|
| S05K60              | 400  | 2,2   | 0,1  | 250 |
| S07K60              | 1200 | 4,8   | 0,25 | 480 |
| S10K60              | 2500 | 10,0  | 0,40 | 870 |
| S07K130 / VDR130/07 | 1200 | 9,5   | 0,25 | 245 |
| S05K230             | 400  | 7,2   | 0,10 | 70  |
| S07K230 / VDR230/07 | 1200 | 17,0  | 0,25 | 130 |
| S10K230 / VDR230    | 2500 | 36,0  | 0,40 | 265 |
| S14K230             | 4500 | 60,0  | 0,60 | 530 |
| S05K250 / VDR250/05 | 400  | 8,5   | 0,1  | 65  |
| S07K250 / VDR250/07 | 1200 | 19,0  | 0,25 | 105 |
| S10K250 / VDR250/10 | 2500 | 38,0  | 0,4  | 245 |
| S14K250 / VDR250    | 4500 | 65,0  | 0,6  | 490 |
| S20K250 / VDR250/2  | 8000 | 140,0 | 1,0  | 940 |
| S05K275 / VDR275/05 | 400  | 8,6   | 0,10 | 60  |
| S07K275 / VDR275/07 | 1200 | 21,0  | 0,25 | 110 |
| S10K275 / VDR275/10 | 2500 | 43,0  | 0,4  | 220 |
| S14K275 / VDR275    | 4500 | 71,0  | 0,8  | 440 |
| S05K300 / VDR300/05 | 400  | 9,6   | 0,10 | 55  |
| S07K300 / VDR300/07 | 1200 | 23,0  | 0,25 | 100 |
| S10K300 / VDR300/10 | 2500 | 47,0  | 0,4  | 200 |
| S14K300 / VDR300    | 4500 | 76,0  | 0,6  | 400 |
| S20K300             | 8000 | 173,0 | 1,0  | 780 |
| S20K420 / VDR420/2  | 8000 | 175,0 | 1,0  | 550 |
| S20K460             | 8000 | 195,0 | 1,0  | 500 |

$I_{Max.}$  = Peak Current (8/20 $\mu$ s), Max.,  $E_{Max.}$  = Energy Absorption, Continuously Rated, Max.,  $P_{Max.}$  = Max. Dissipation Power,  $C_{typ.}$  = Typical Capacitance

## Dimensions

| Part Nr.            | $e^{\pm 1}$ | $a^{\pm 1}$ | $b_{Max.}$ | $s_{Max.}$ | $h_{Max.}$ | $l_{Min.}$ | $d^{\pm 0,05}$ |
|---------------------|-------------|-------------|------------|------------|------------|------------|----------------|
| [mm]                |             |             |            |            |            |            |                |
| S05K11              | 5,0         | 1,2         | 7,0        | 3,3        | 8,5        | 25,0       | 0,6            |
| S05K25 / VDR25/05   | 5,0         | 1,3         | 7,0        | 3,6        | 8,5        | 25,0       | 0,6            |
| S07K25 / VDR25/07   | 5,0         | 1,3         | 9,0        | 3,7        | 11,0       | 25,0       | 0,6            |
| S10K25 / VDR25      | 7,5         | 1,6         | 12,0       | 4,2        | 14,5       | 25,0       | 0,8            |
| S05K30 / VDR30/05   | 5,0         | 1,5         | 7,0        | 3,6        | 8,5        | 25,0       | 0,6            |
| S07K30 / VDR30/07   | 5,0         | 1,5         | 9,0        | 3,7        | 11,0       | 25,0       | 0,6            |
| S10K30 / VDR30      | 7,5         | 1,7         | 12,0       | 4,4        | 14,5       | 25,0       | 0,8            |
| S10K50              | 7,5         | 1,4         | 12,0       | 3,9        | 14,5       | 25,0       | 0,8            |
| S05K60              | 5,0         | 1,2         | 7,0        | 3,3        | 8,5        | 25,0       | 0,6            |
| S07K60              | 5,0         | 1,2         | 9,0        | 3,3        | 11,0       | 25,0       | 0,6            |
| S10K60              | 7,5         | 1,4         | 12,0       | 4,0        | 14,5       | 25,0       | 0,8            |
| S07K130 / VDR130/07 | 5,0         | 1,6         | 9,0        | 3,6        | 11,0       | 25,0       | 0,6            |
| S05K230             | 5,0         | 1,8         | 7,0        | 4,0        | 8,5        | 25,0       | 0,6            |
| S07K230 / VDR230/07 | 5,0         | 1,8         | 9,0        | 4,0        | 11,0       | 25,0       | 0,6            |
| S10K230 / VDR230    | 7,5         | 2,0         | 12,0       | 4,7        | 14,5       | 25,0       | 0,8            |
| S14K230             | 7,5         | 2,0         | 15,5       | 4,7        | 18,5       | 25,0       | 0,8            |
| S05K250 / VDR250/05 | 5,0         | 1,8         | 7,0        | 4,2        | 8,5        | 25,0       | 0,6            |
| S07K250 / VDR250/07 | 5,0         | 1,8         | 9,0        | 4,2        | 11,0       | 25,0       | 0,6            |
| S10K250 / VDR250/10 | 7,5         | 2,0         | 12,0       | 4,8        | 14,5       | 25,0       | 0,8            |
| S14K250 / VDR250    | 7,5         | 20,0        | 15,5       | 4,8        | 18,5       | 25,0       | 0,8            |
| S20K250 / VDR250/2  | 10,0        | 2,2         | 21,5       | 5,3        | 25,5       | 25,0       | 1,0            |
| S05K275 / VDR275/05 | 5,0         | 2,0         | 7,0        | 4,3        | 8,5        | 25,0       | 0,6            |
| S07K275 / VDR275/07 | 5,0         | 2,0         | 9,0        | 4,4        | 11,0       | 25,0       | 0,8            |
| S10K275 / VDR275/10 | 7,5         | 2,2         | 12,0       | 5,0        | 14,5       | 25,0       | 0,8            |
| S14K275 / VDR275    | 7,5         | 2,2         | 15,2       | 5,0        | 18,5       | 25,0       | 0,8            |
| S05K300 / VDR300/05 | 5,0         | 2,1         | 7,0        | 4,5        | 8,5        | 25,0       | 0,6            |

|                     |      |     |      |     |      |      |     |
|---------------------|------|-----|------|-----|------|------|-----|
| S07K300 / VDR300/07 | 5,0  | 2,1 | 9,0  | 4,5 | 11,0 | 25,0 | 0,6 |
| S10K300 / VDR300/10 | 7,5  | 2,3 | 12,0 | 5,1 | 14,5 | 25,0 | 0,8 |
| S14K300 / VDR300    | 7,5  | 2,3 | 15,5 | 5,2 | 18,5 | 25,0 | 0,8 |
| S20K300             | 10,0 | 2,1 | 21,5 | 5,6 | 25,5 | 25,0 | 1,0 |
| S20K420 / CDR420/2  | 10,0 | 3,1 | 21,5 | 6,5 | 26,0 | 25,0 | 1,0 |
| S20K460             | 10,0 | 3,3 | 21,5 | 6,8 | 26,0 | 25,0 | 1,0 |

## Norms

IEC60068-1, IEC60068-2-3, CECC42000

## Productinformatie

|               |           |
|---------------|-----------|
| Artikelnummer | VDR130/07 |
| Merk          | Brand     |
| Is on Sale    | Nee       |

