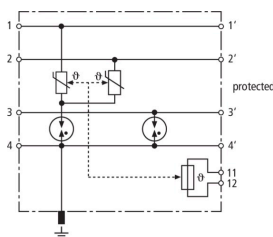


## DVR 2 BY S 150 FM (928 430)

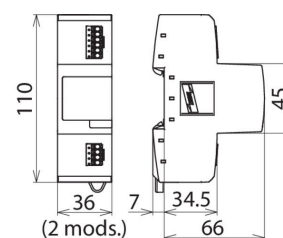
- For electroacoustic systems up to 10 A
- Direct plug-in technology allows connection without tools
- For installation in conformity with the lightning protection zone concept at the boundaries  $0_A - 2$  and higher



Figure without obligation



Basic circuit diagram DVR 2 BY S 150 FM



Dimension drawing DVR 2 BY S 150 FM

Compact combined arrester for protecting electroacoustic systems (e.g. voice alarm systems, loudspeaker systems). Protection of one galvanically isolated pair; direct or indirect shield earthing. Direct plug-in technology allows fast conductor connection without tools. Easy replacement of the arrester is ensured by the integrated terminal units which can be released and then removed from the enclosure. Integrated remote signalling contact (break contact).

### Technical data

| Type   | DVR 2 BY S 150 FM                          |
|--|--|
| Part No.   | 928 430                                    |
| SPD class  | TYPE 1 P2                                  |
| Nominal voltage (a.c.) ( $U_n$ )                                     | 100 V                                      |
| Max. continuous operating voltage (d.c.) ( $U_c$ )                   | 150 V                                      |
| Max. continuous operating voltage (a.c.) ( $U_c$ )                   | 110 V                                      |
| Nominal current at 70 °C ( $I_n$ )                                   | 10 A                                       |
| Nominal current at 80 °C ( $I_n$ )                                   | 7 A  |
| D1 Lightning impulse current (10/350 $\mu$ s) per line ( $I_{imp}$ ) | 2.5 kA                                     |
| D1 Total lightning impulse current (10/350 $\mu$ s) ( $I_{imp}$ )    | 9 kA                                       |
| C2 Nominal discharge current (8/20 $\mu$ s) per line ( $I_n$ )       | 7.5 kA                                     |
| C2 Total nominal discharge current (8/20 $\mu$ s) ( $I_n$ )          | 22.5 kA                                    |
| Voltage protection level line-line at $I_{imp}$ D1 ( $U_p$ )         | $\leq 500$ V                               |
| Voltage protection level line-PG at $I_{imp}$ D1 ( $U_p$ )           | $\leq 700$ V                               |
| Voltage protection level line-line at 1 kV/ $\mu$ s C3 ( $U_p$ )     | $\leq 400$ V                               |
| Voltage protection level line-PG at 1 kV/ $\mu$ s C3 ( $U_p$ )       | $\leq 650$ V                               |
| Cut-off frequency line-line ( $f_c$ )                                | 1.4 MHz                                    |
| Operating temperature range ( $T_U$ )                                | -40 °C ... +80 °C                          |
| Degree of protection   | IP 20                                      |
| Capacity   | 2 module(s), DIN 43880                     |
| For mounting on  | 35 mm DIN rails acc. to EN 60715           |
| Connection (input / output)  | spring / spring                            |
| Cross-sectional area, solid  | 0.2-1.5 mm <sup>2</sup>                    |
| Cross-sectional area, flexible                                       | 0.2-1.5 mm <sup>2</sup>                    |
| Earthing via   | DIN rail                                   |
| Enclosure material   | thermoplastic, UL 94 V-0                   |
| Colour   | yellow                                     |
| Test standards   | IEC 61643-21 / EN 61643-21                 |
| Approvals  | EAC  |
| Type of remote signalling contact                                    | break contact                              |
| Switching capacity (d.c.)  | 250 V / 0.1 A; 125 V / 0.2 A; 75 V / 0.5 A |
| Switching capacity (a.c.)  | 250 V / 0.5 A                              |
| Cross-sectional area for remote signalling terminals                 | max. 1.5 mm <sup>2</sup>                   |
| Weight   | 110 g                                      |
| Customs tariff number (Comb. Nomenclature EU)                        | 85363010                                   |
| GTIN   | 4013364261389                              |
| PU   | 1 pc(s)                                    |

We reserve the right to introduce changes in performance, configuration and technology, dimensions, weights and materials in the course of technical progress. The figures are shown without obligation.