



Functional description:

- 1. Features four signal inputs (70V/100V audio signals) and four signal outputs (70V/100V audio signals).
- 2. This device automatically monitors whether the output signal line has been struck by lightning. Upon detecting a lightning strike, it automatically disconnects the input and safely channels the lightning current through the grounding network into the earth.
- 3. Channel switching capability: 20A/70-100V, audio signal.
- 4. Features lightning protection, overvoltage protection, and leakage protection.
- 5. Features two LED indicators for intuitive display of the machine's operational status (normal operation, fault protection).
- 6. Lightning Protection Rating: Meets IEC 529/EN 60529 protection rating: IP20.
- 7. Protective equipment designed to prevent lightning strikes from entering outdoor broadcasting systems.
- 8. Overvoltage Protection Threshold Voltage: 165-300 V (peak)
- 9. Rated discharge impulse current limp (8/20)  $\mu$ s
- 10. Leakage protection current:  $\leq 10$ mA
- 11. Insulation resistance:  $\geq 10$  M $\Omega$
- 12. Alarm activation output level: (0V) short-circuit signal (ACTIVE OUT)
- 13. Power supply: AC 220V  $\pm$  10% 50-60Hz
- 14. Power consumption: 20-25W
- 15. Dimensions: 89  $\times$  483  $\times$  366 mm
- 16. Weight: 7.7 kg

Technical specifications:

|                                          |                                 |
|------------------------------------------|---------------------------------|
| Model                                    | VeryThick9015                   |
| Overvoltage Protection Threshold Voltage | 165-300V (peak)                 |
| Rated Discharge Surge Current            | limp(8/20) $\mu$ s              |
| Earth leakage protection current         | $\leq 10$ mA                    |
| Insulation Resistance                    | $\geq 10$ M $\Omega$            |
| Alarm Activation Output Level            | (0V) Short-Circuit Signal       |
| Power Supply                             | AC 220V $\pm$ 10% 50-60Hz       |
| Power consumption                        | Twenty-five watts               |
| Dimensions                               | 89 $\times$ 483 $\times$ 366 mm |
| Weight                                   | 7.7Kg                           |