

Receivers

Receivers in connector housings

ES 1218, ES 1224, ES 220

- Simple and quick connection by 11-pin standardized connector
- Convenient retrofitting in OEM products
- Single-channel design
- Volt-free relay or open collector output
- Suitable for 12 V to 24 Volt AC or DC or 230 V mains
- Excellent workmanship
- Coding switch with gold-plated and self-cleaning contacts
- Large receiver range
- Convenient code setting from outside
- Complete with trailing antenna



Radio receiver "ES"

To all OEMs who install radio remote controls in small batch and large batch products, the "ES" type receivers offer a substantial bonus. These devices can be readily plugged into an 11-pin socket without any risk of mismatching. This is an invaluable asset especially in the field where technicians with only a short period of training can be entrusted with the job.

The "ES 220" version is operated on 230 Volt mains supply.

The „ES 1224“ version is designed to operate on 12 to 24 V AC/DC

While the above devices provide a volt-free relay output (6/8 A at 230 V AC), the "ES 1218" is intended for direct connection to switching devices that, on the one hand, provide a DC supply and, on the other hand, are controlled through the open collector (without relays). This is achieved by applying a negative pulse (corresponding to the DC voltage applied) which controls the device to be activated (door opener, alarm system). This version is available at an extremely attractive price.

Technical data:

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| Power supply: | 12 - 18 volts DC (ES 1218), 12 - 24 Volt AC/DC (ES 1224), 230 volts AC (ES 220) |
| Power consumption on standby: | abt. 15 mA (ES 1218)/ 28 mA (ES 1224) 1.3 W (ES 220) |
| on activation: | abt. 25 mA (ES1218) / 50 mA (ES1224) 1.9 W (ES 220) |
| Outputs: | ES 1218 open collector (70 mA max. load) ES 1224 & ES220 relay output (6/8 A at 230 V AC) |
| Range: | depending on receiver version |
| Housing: | plastic, bluish grey with connector |
| Frequency: | 40 MHz (a range that is not as crowded as in the 433 MHz band) |
| Antenna: | 1.25 m (trailing antenna) |
| Ambient temperature | |
| Operation: | - 20 to + 55° C |
| Storage: | - 30 to + 60° C |
| Weight: | 100 g (ES 1218) 125 g (ES 1224) 200 g (ES220) |
| Dimensions: | abt. L 80 x W 38 x H 70 mm |
| Certification: | CE |
| Receivers with relay output (volt-free): | |
| Order Number: | ES 1224 (12 - 24 V AC & DC) |
| Order Number: | ES 220 (230 V AC) |
| Receivers with open-collector output: | |
| Order Number: | ES 1218 (12 - 18 V DC) |
| Order Number: | ES 1218/K (as ES 1218 but without housing) |
| Accessories: | |
| Order Number: | STF 11 (11-pin socket) |