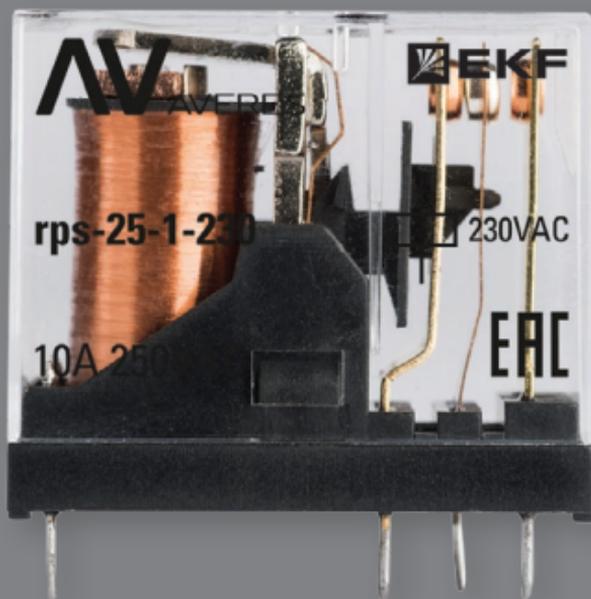


AV AVERES



TECHNICAL MANUAL
Interface relays
RP Slim EKF AVERES



1 DESCRIPTION

Interface relays RP Slim EKF AVERES are accessories used in AC control circuits with voltages up to 230 V. Interface relays are designed for galvanic isolation and transmission of control signals between power and control circuits. The interface relays RP Slim are mounted on a 35 mm DIN rail with relay sockets RM Slim. Relay sockets carry terminals for switching contacts and the coil.

NOTE: Relay sockets RM are not covered by the delivery scope of interface relays RP.

2 TECHNICAL DATA

Table 1 - Main characteristics

Characteristics	Values		
	Rated contact current, A	5	6
Rated coil voltage, V	24 VDC 230 VAC	24 VDC 60 VDC	24 VDC 230 VAC
Number of switching contact groups	1	1	2
Max. operate time, ms	20	8	20
Max. release time, ms	10	4	10
Electrical endurance, cycles	100 000		
Mechanical endurance, cycles	10 000 000		
Degree of protection	IP40		
Min. voltage for contact operation, %	80 of Unom		
Ambient temperature, °C	from -40 to +85		
Breakdown voltage between adjacent contacts, V	1000		
Breakdown voltage between contacts and coil, V	5000	4000	5000
Weight, g	14	5	14

Table 2

Item code	Name
rps-25-1-24DC	Interface relay RP slim 25/1 10A 24V DC EKF AVERES
rps-25-1-230	Interface relay RP slim 25/1 10A 230V AC EKF AVERES
rps-22-2-24DC	Interface relay RP slim 22/2 5A 24V DC EKF AVERES
rps-22-2-230	Interface relay RP slim 22/2 5A 230V AC EKF AVERES
rps-23-1-24DC	Interface relay RP slim 23/1 6A 24V DC EKF AVERES
rps-23-1-60DC	Interface relay RP slim 23/1 6A 60V DC EKF AVERES

3 OVERALL AND INSTALLATION DIMENSIONS

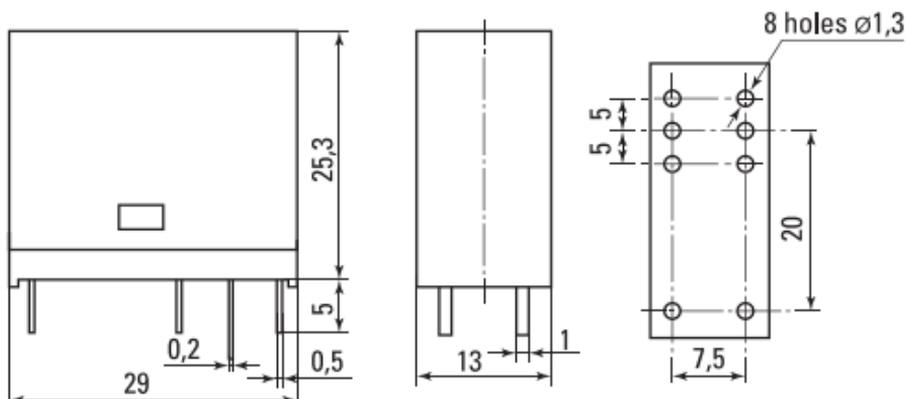


Fig. 1 - Overall dimensions
of interface relay RP Slim 25/1 EKF AVERES

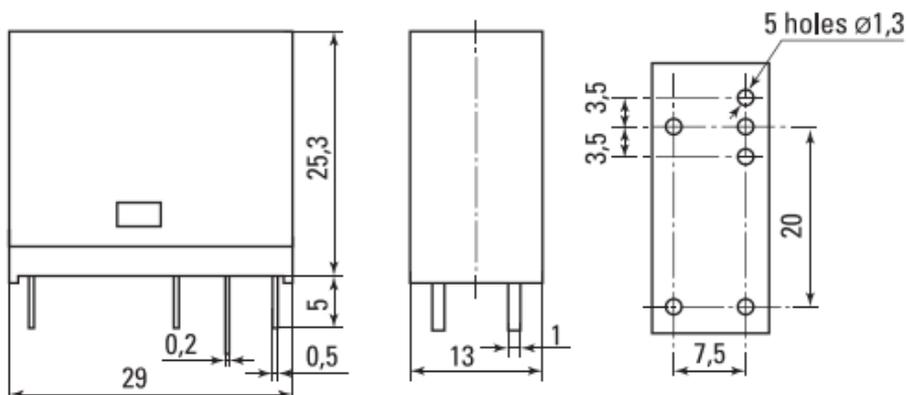


Fig. 2 - Overall dimensions
of interface relay RP Slim 22/2 EKF AVERES

6 DISPOSAL

Life-expired and failed relays shall be disposed of in compliance with the effective national and local laws and regulations. To dispose of the product, send it to an authorized company for recycling in compliance with the effective national and local laws and regulations.

7 MANUFACTURER'S WARRANTY

The manufacturer guarantees the products comply with the declared characteristics, provided that consumers follow the operation, transportation and storage conditions.

Warranty period: 10 years from the date of sale specified in the sales receipt.

Shelf life: 10 years from the date of manufacture specified on the product package or housing.

Service life: 10 years.

Manufacturer: For information, refer to the product package.

Importer and EKF trademark service representative:

EKF ELECTRICAL SOLUTION – FZCO, Dubai Silicon Oasis, DDP, Building A2, Dubai, United Arab Emirates.

Importer and EKF trademark service representative on the territory

of the Russian Federation: OOO «Electroresheniya», Otradnaya st., 2b bld. 9, 5th floor, 127273, Moscow, Russia. Tel.: +7 (495) 788-88-15.

Importer and EKF trademark service representative on the territory

of the Republic of Kazakhstan: TOO «Energoresheniya Kazakhstan», Kazakhstan, Almaty, Bostandyk district, Turgut Ozal st., 247, apt 4.

8 CERTIFICATE OF ACCEPTANCE

The interface relay RP Slim EKF AVERES has been manufactured in compliance with laws and regulations in force and has been approved for operation.

Date of manufacture: for information, refer to the product package.

Quality control stamp



EAC



v3

ekfgroup.com

