



**Mains disconnector, mains disconnector, self-learning,  
16A, 250V AC FR12-230V**



**Eltako**  
FR12-230V  
22100231  
4010312203255 EAN/GTIN

**46,90 USD** excl. VAT\*\*  
plus shipping



4-5 days\* (USA)

Field disconnector for series. 1S 16A, self-learning. FR12-230V rated voltage 230V, rated current 10A, rated frequency 50 ... 50Hz, max. incandescent lamp load 2300W, max. fluorescent lamp load 500VA, max. fluorescent lamp load (duo circuit) 1000VA, max. fluorescent lamp load (parallel compensated) 500VA, max. switching current (cos phi = 0.6) 16A, current switch-on threshold 20 ... 20mA, DC monitoring voltage, DIN rail mounting type, width in modular widths 3, installation depth 26mm, degree of protection (IP) IP20, self-learning field disconnector. self-learning Standby loss only 0.8 watts. The latest hybrid technology combines the advantages of wear-free electronic control with the high switching capacity of special relays. The field isolation switch interrupts the power supply after the downstream consumers have been switched off and thus prevents interfering electromagnetic fields. Up to a current consumption of 200mA, small consumers are permitted, which do not prevent field disconnection after larger consumers have been switched off. The limit value does not have to be set manually, but is learned by the FR12 itself using a patented process. Consumers with a current consumption of more than 200mA are always defined as consumers that should cause the mains voltage to be switched on. As long as no larger consumers are switched on, the monitored circuit remains 1-pole switched off from the mains. Neutral and protective conductors are not switched to prevent an antenna effect. An adjustable DC voltage with low residual ripple is available for monitoring. Therefore, bridging the work contact is not permitted and will destroy the device. When a consumer is switched on, the field disconnector switches on the monitored phase conductor with a delay of approx. 1 second and the LED lights up red.

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\* Note on delivery time: Day = Monday to Friday, no public holiday in Bavaria or Saxony. Goods are also delivered on Saturdays (DHL).

\*\* Payment methods may vary from country to country. All prices plus shipping and excluding customs duties or other additional costs (import sales tax) for deliveries outside the EU.

\*\*\* Savings compared to RRP = the manufacturer's recommended retail price. RRP is the price recommended to retailers by the manufacturer, importer or wholesaler as a resale price to the customer. The RRP is also referred to as the list price and is defined as the highest possible price that a buyer would pay for a specific product before any discounts (Source of gross list prices: Germany).

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