

AVDT32 residual current circuit breakers for currents up to 63 A

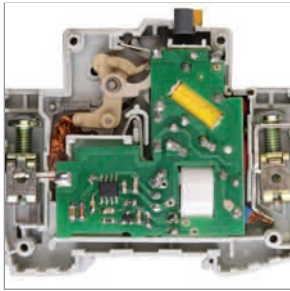
The AVDT32 RCCBs are designed for protection of persons against electric shock in case of damaged insulation in electric installations, preventing fires caused by earth leakage currents and protection against overloads and short-circuits.



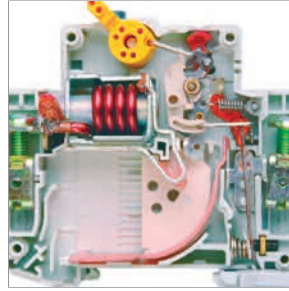
Advantages

- Combined design with electronic differential protection module and built-in circuit breaker of VA47-60 series.
- The most reliable protection of a person in case of direct contact with live parts.
- Independent contact position indicator.
- Wide operating temperature range from -25 to $+40^{\circ}$ C.
- Quick installation using the latch with double locking (AVDT32 for currents up to 40 A).
- Quick mounting/removal without need of tools (AVDT32 for currents 50 and 63 A).
- Energy efficient design (AVDT32 for currents 50 and 63 A).
- Notched terminal clamps reduce the heat loss and increase mechanical stability of the connection.
- TEST button to check the device operability and correct connections.
- Size of AVDT corresponds to 2-module device due to placement of design components.
- Increased breaking capacity of 6 kA allows for installation of AVDT as input protection circuit breakers.

Design Features



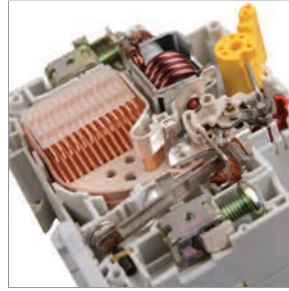
Combined design with electronic differential protection module, class D varistor and built-in circuit breaker of VA47-60 series provides for 4 types of protection: against differential (leakage) current; short circuit; overload; and protection of device internal components against pulse surges.



Noise-immune design excluding false tripping; patent No. RU 124453.



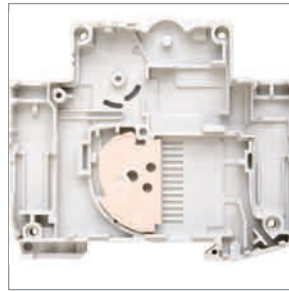
Simultaneous connection by FORK bar and flexible conductor is possible for power supply distribution via upper terminals, as well as connection by PIN bar.



Soldered-on composite material with silver improves wear resistance of the contact assembly and decreases the transient resistance.



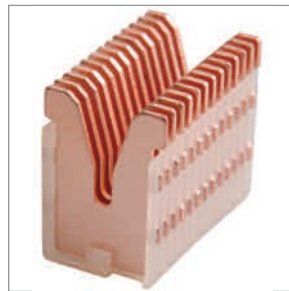
Main circuit status indicator provides correct information on contacts status, regardless of the lever position.



Additional protection of the device casing from burnout and heat withdrawal by anti-burnout plate.



Wide operating temperature range, from -25°C to $+40^{\circ}\text{C}$, allows using the circuit breaker in various climatic zones.



Arc suppression chamber made of 13 steel plates for efficient arc suppression.



Quick installation, additional reliability of snapping on to the DIN-rail due to the latch with double locking.



Notched terminal clamps reduce the heat loss and increase mechanical stability of the connection.



Range



Name	Rated current I_n , A	Rated breaking residual current, mA	Package amount, pcs multiple	Package amount, pcs transport	Product ID
AVDT32 B16	16	10	6	60	MAD22-5-016-B-10
AVDT32 B25	25	10	6	60	MAD22-5-025-B-10
AVDT32 C6	6	30	6	60	MAD22-5-006-C-30
AVDT32 C10	10	30	6	60	MAD22-5-010-C-30
AVDT32 C16	16	30	6	60	MAD22-5-016-C-30
AVDT32 C20	20	30	6	60	MAD22-5-020-C-30
AVDT32 C25	25	30	6	60	MAD22-5-025-C-30
AVDT32 C32	32	30	6	60	MAD22-5-032-C-30
AVDT32 C40	40	30	6	60	MAD22-5-040-C-30
AVDT32 C40	40	100	6	60	MAD22-5-040-C-100



AVDT32 C50	50	100	6	60	MAD22-5-050-C-100
AVDT32 C63	63	100	6	60	MAD22-5-063-C-100