

PREVENT FIRE
SAVE LIFE
PROTECT PROPERTY

OF RESIDENTIAL FIRES
ARE CAUSED BY
FAULTY WIRING AND
ELECTRICAL APPLIANCES



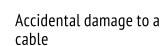
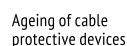
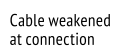
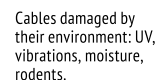
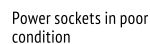
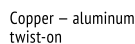
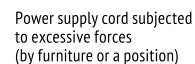
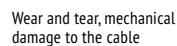
AFC| AFDD AFC| AFDD AFC| AFDD AFC| AFDD AFC|

AFDD is the third stage of development of electrical mains protection devices, following MCB and RCB

- DIN-rail mounted
- Equipped with an independent TEST UNIT to check the operation area and AFDD's testing.
- A fire-hazardous arc within the protected circuit is detected by AFDD. The protected network will be disconnected immediately after that.
- In compliance IEC 62606-2016
- Made in Russia

The use of an AFDD will reduce the number of fires due to issues with wiring and electrical appliances by more than a factor of 2*

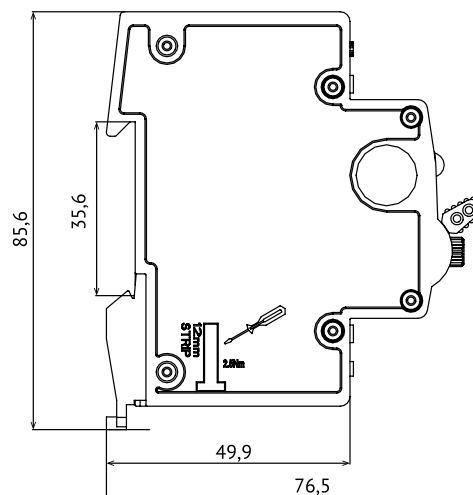
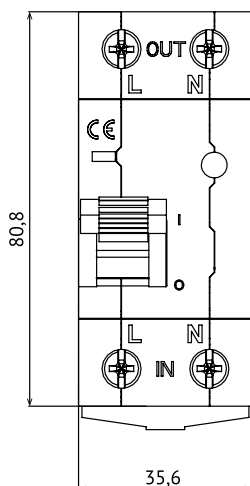
* based on data by the Consumer Product Safety Commission (US CPSC)



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AFDD TUMOV is equipped with TEST UNIT to determine the real operation area of AFDD at the place of its installation.



Operating conditions and characteristics

Model:	AFDD-F/16	AFDD-F/25	AFDD-F/32	AFDD-F/40	AFDD-F/50	AFDD-F/63
Ambient air temperature, C:	-25... +40					
Relative humidity:	<98% at +25°C					
Always on indicator:	Yes					
Device status at front panel:	Yes					
Overvoltage shutdown threshold:	Yes					
True RMS:	Yes					
Surge protection:	Yes					
Mounting DIN-rail:	Yes					

Specifications

Tripping time at arcing, ms:	in accordance with IEC 62606					
Rated current, A:	16	25	32	40	50	63
Minimum tripping current, A:	2,5					
Rated voltage, V:	115-275					
Overvoltage shutdown threshold, V:	275					
Tripping time at overvoltage threshold (in accordance with EN 50550):	275 V – ≈3,3 s 300 V – ≈1,1 s 350 V – ≈0,3 s 400 V – ≈0,08 s					
Power loss, W:	0,7					
Overall dimensions (H*W*L), mm:	85,6*35,6*76,3 (2 units)					