

Documents corresponding to the product:

Standard EN 60947-1
 EN 60 947-2; EN 60947-4-1
 The products are in accordance with the directives of EC "Low voltage directives (LVD) no 2006/95/EC" and "Electromagnetic Compatibility Directives (EMC) no. 2004/108/EC".



Documents corresponding to the product:

Standard EN 60529



Voltage release (VR) for TM 2

5 YEAR WARRANTY *for industrial usage, 3 years warranty

For increasing the effectiveness of the thermomagnetic breakers TM 2-Exx operation, they can be supplied with auxiliary devices, designed for widening the practice range and improving the technical characteristics of the breakers.

The release is designed to switch off the thermomagnetic breaker when the controlling voltage falls under breaking level 0.55 to 0.7 U_N and does not allow switching on of the breaker unless the voltage is over 0.85 U_N.

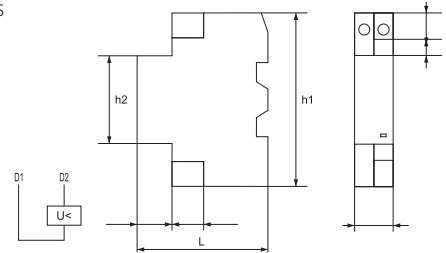
Functions:

- switching off the breaker at power supply voltage fall under 0.55 – 0.7 U_N
- does not allow switching on of the breaker when the power supply voltage is under 0.85 U_N
- prevents unwarranted secondary start of the breaker at falling off and restoring of the power supply voltage
- protects the motor at lack/lowering of the phase voltage
- used as a protective operating element in control panels of induction motors
- remarkable with high reliability of current characteristics

Mounting:

- laterally to a breaker
- At the side of the breaker through special openings

Type	Voltage (V)	Catalogue number
TM2 AU225	230	48099
TM3 AU385	400	48098



Watertight box for TM 2-E

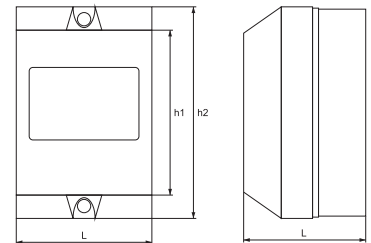
5 YEAR WARRANTY *for industrial usage, 3 years warranty

Specially designed plastic box with silicon screen for increasing the IP code from dust and moisture to IP 65. Designed for thermal-magnetic circuit breakers of up to 32A

Mounting:

- mounting position: vertical gradient – maximum ± 5°
- mounted to horizontal surfaces (walls) with bolts
- the breaker TM2 Exx is fixed inside of it on rail
- Plastic: wear resistance of UV rays and non-flammable (self-extinguishing material)

Type	Catalogue number
TM2 E	8083



Auxiliary contact block TM2 AE11- front mounting

5 YEAR WARRANTY *for industrial usage, 3 years warranty

It is designed to switch on operational systems or signalization. Designed with one NO and one NC contact. It changes the position of its contacts according to the position of the breaker (switched on/off) to which it is mounted.

- Mounting:
 - laterally to a breaker TM2-Exx
- Plastic: wear resistance of UV rays and non-flammable (self-extinguishing material)
- Ambient temperature: -10°C + 65°C
- Altitude: up to 2000m

Type	Catalogue number
TM2 AE11	48912

