

Product datasheet

Specifications



Current control relay, Harmony
Control Relays, 5A, 1CO,
overcurrent and undercurrent,
0.5...10A, 220 to 240V AC

RM17JA12M7

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications



Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

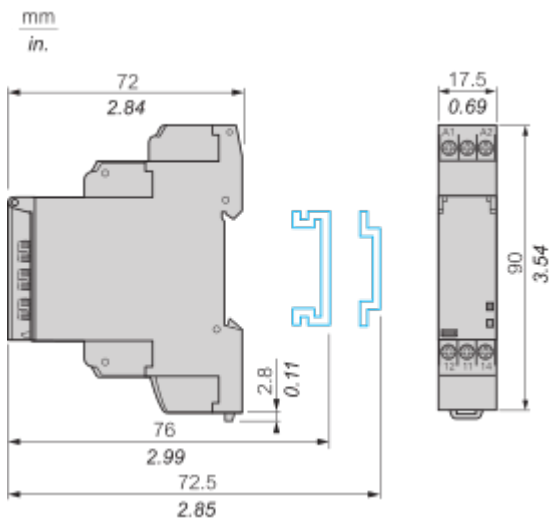
Use Longer

Lifetime extension	
Repair	No

Dimensions Drawings

Single-Phase and DC Voltage Control Relays

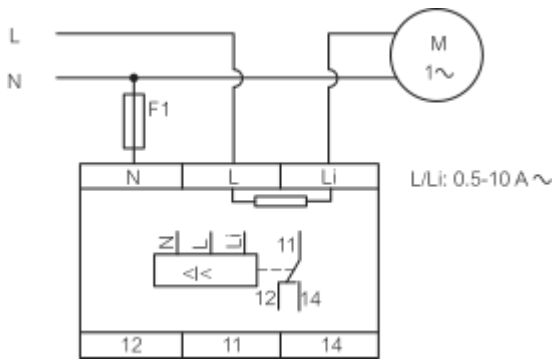
Dimensions and Mounting



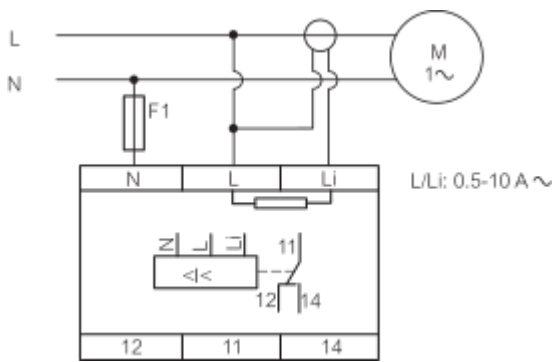
Connections and Schema

Wiring

Without external current transformer, nominal current up to 10A. Maximum continuous up to 13A or 35A in 1s



With external current transformer

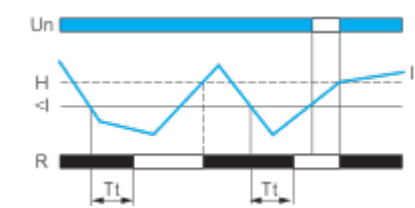


Technical Description

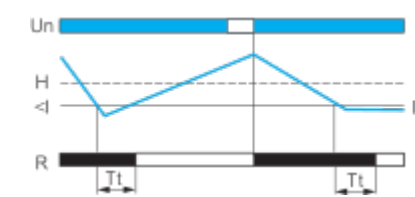
Function Diagrams

Undercurrent Detection

Without memory ("No Memory" mode)

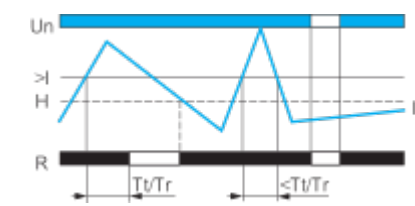


With memory ("Memory" mode)

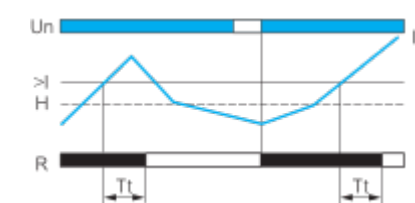


Overcurrent Detection

Without memory ("No Memory" mode)

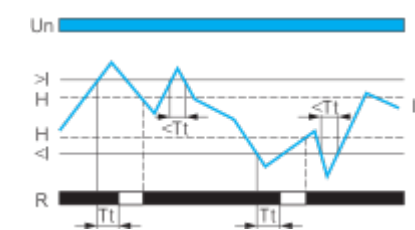


With memory ("Memory" mode)

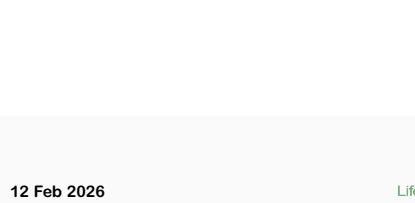


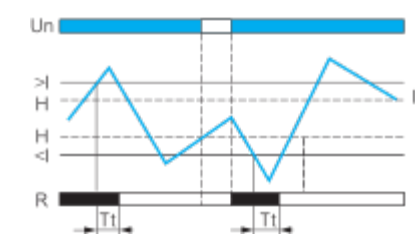
Overcurrent and undercurrent control in window mode

Without memory ("No Memory" mode)



With memory ("Memory" mode)





Un : Power Supply
H : Hysteresis
>I : Overcurrent threshold
<I : Undercurrent threshold
I : Monitored current
Tt : Time delay after crossing of threshold
Tr : Response time after cross the threshold
R : Relay output
Relay status : Black color = energized.