



General characteristics

Description				Modular with transparent cover, 1 operating threshold
Residual operation characteristic				Type A
N° of operating threshold				1
Control circuit				
Toroidal transformer				External
Adjustments				
Tripping set-point (IΔn)				(x1) A 0.03...30
Tripping delay time				(tx1) s 0.2...10
Resetting				Configurable automatic or manual by button on front or digital input
Test Button				Yes
Shunt circuit control				No
Auxiliary supply				
Auxiliary rated supply voltage Us				220...240VAC
Operational limits				220...240VAC
Output contacts				1
Rated frequency				Hz 50...60
Power consumption Max				VA 2
Relay outputs				
Relay state				Normally de-energised
Contact arrangement				1 changeover SPDT (trip)
Rated contact capacity IEC Ith				5A - 250VAC
Insulations				
Power frequency withstand voltage				kV 2.5kV for 60s
Indications				
Auxiliary voltage available (ON)				Green LED
Relay tripping (TRIP)				Red backlight
Trip prealarm (ALARM)				Yellow backlight
Connections				
Terminals type				Fixed
Tightening torque for terminals				max Nm 0.5
				max lbin 4.5
Conductor section				

AWG/Kcmil

min	24
max	12

IEC

min	mm ²	0.2
max	mm ²	2.5

Operations

Mechanical life	cycles	20000000
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Electrical life	cycles	300000
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Ambient conditions

Temperature

Operating temperature

min	°C	-10
max	°C	+60

Storage temperature

min	°C	-20
max	°C	+80

Relative humidity	%	≤90%
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Housing

Material	Self-extinguishing polycarbonate
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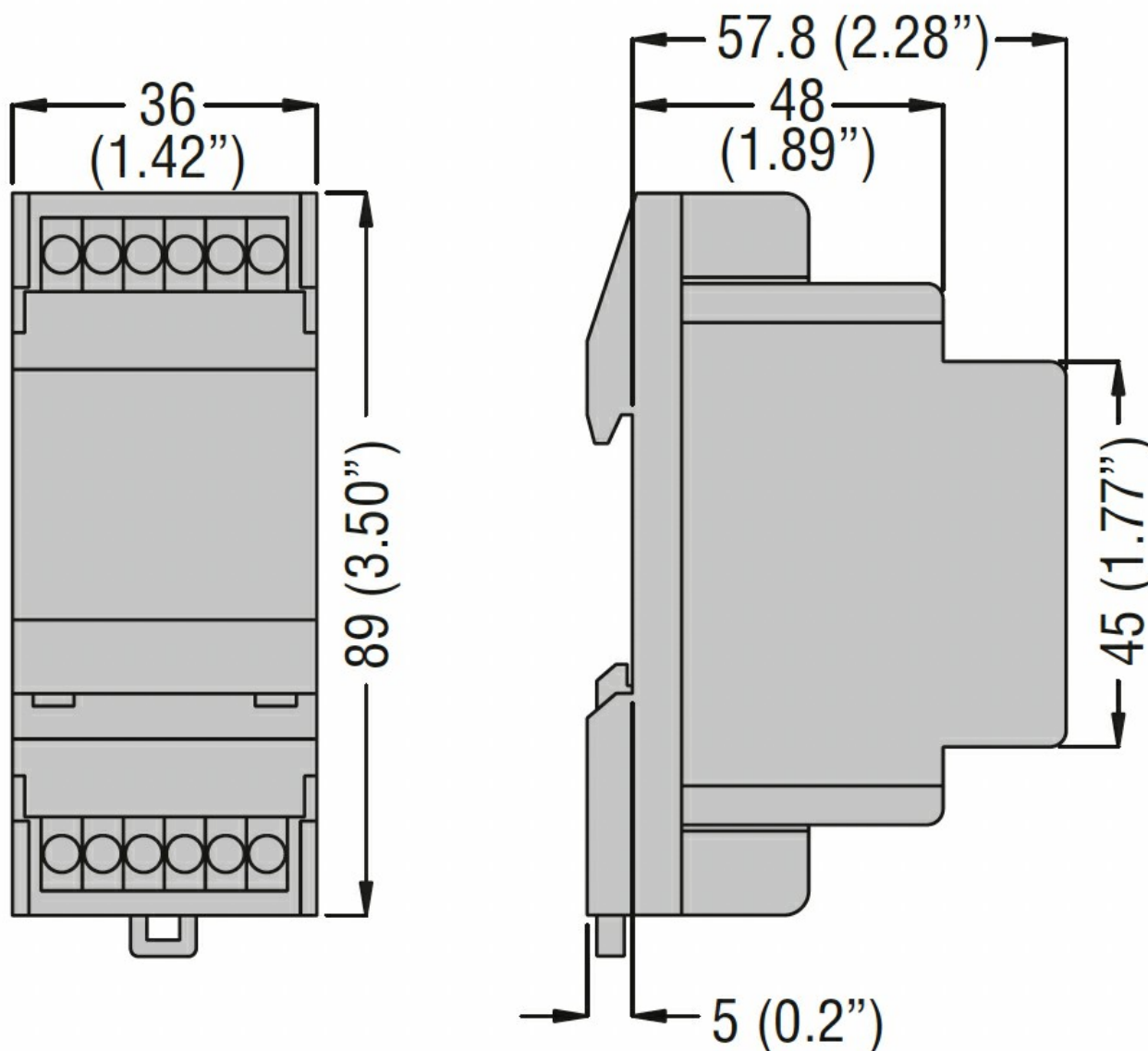
Mounting	35mm DIN rail
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Degree of protection	IP20 terminals
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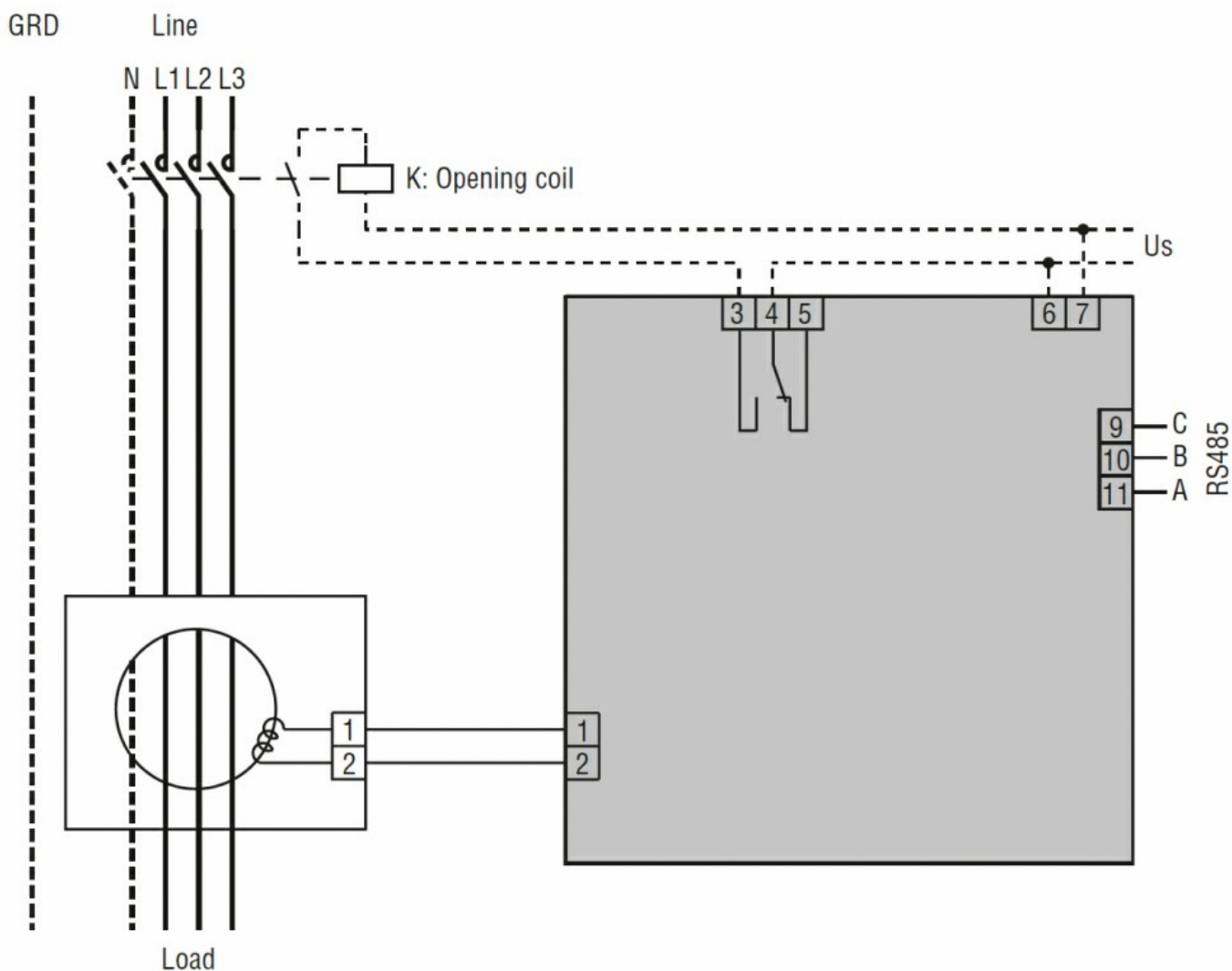
Dimensions (W x H x D)	mm	36x89x57.8
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Weight	g	300
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Dimensions



Wiring diagrams



Certifications and compliance

Compliant with standards

EN 60947-2 (Annex M)

IEC/EN 61000-6-2 IEC/EN 61000- 6-3

IEC/EN 61010

IEC/TR 60755

ETIM classification

ETIM 8.0

EC001445 -
Residual current
monitoring relay