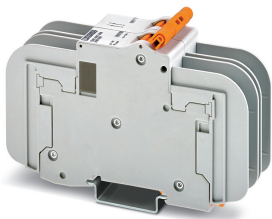


# Thermomagnetic device circuit breaker - TMC 82C 50A - 2907603

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Thermomagnetic device circuit breaker, number of positions: 2, connection method: Screw, cross section: 1 mm<sup>2</sup>- 35 mm<sup>2</sup>, AWG: 18 - 2, width: 35.3 mm, mounting type: DIN rail, Color: gray



## Key Commercial Data

Packing unit	1 pc
GTIN	 4 055626 215457
GTIN	4055626215457
Weight per Piece (excluding packing)	296.670 g
Country of origin	China

## Technical data

### General

Mounting type	DIN rail
Color	gray
Number of positions	2

### Electrical data

Operating voltage	240 V AC (120/240S, 240D) 125 V DC (two poles in series)
Rated current I <sub>N</sub>	50 A
Rated short-circuit switching capacity I <sub>cn</sub>	10 kA (IC)

### Dimensions

Height	116 mm
Width	35.3 mm

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## Technical data

### Dimensions

Depth	65.7 mm
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### Ambient conditions

Ambient temperature (operation)	-35 °C ... 70 °C
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### Connection data

Conductor cross section solid min.	1 mm <sup>2</sup>
Conductor cross section solid max.	35 mm <sup>2</sup>
Conductor cross section flexible min.	1 mm <sup>2</sup>
Conductor cross section flexible max.	35 mm <sup>2</sup>
Conductor cross section AWG min.	18
Conductor cross section AWG max.	2
Connection method	Screw
Tightening torque max	2 Nm

### Standards and Regulations

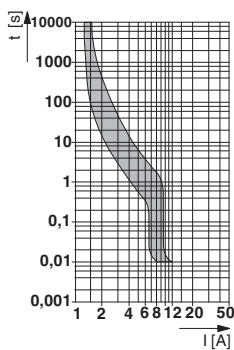
Standards/specifications	UL 489 IEC 60947-2
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### Environmental Product Compliance

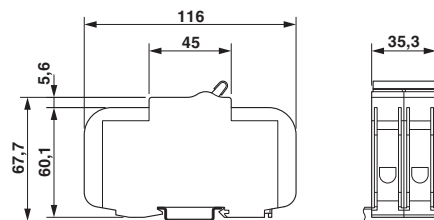
REACH SVHC	Lead 7439-92-1
	Cadmium oxide 1306-19-0

## Drawings

Diagram



Dimensional drawing



## Classifications

eCl@ss

eCl@ss 10.0.1	27141116
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## Classifications

### eCl@ss

eCl@ss 11.0	27141116
eCl@ss 4.0	27141116
eCl@ss 4.1	27141116
eCl@ss 5.0	27141116
eCl@ss 5.1	27141100
eCl@ss 6.0	27141100
eCl@ss 7.0	27141116
eCl@ss 9.0	27141116

### ETIM

ETIM 3.0	EC000899
ETIM 4.0	EC000899
ETIM 6.0	EC000899
ETIM 7.0	EC000899

### UNSPSC

UNSPSC 6.01	30211812
UNSPSC 7.0901	39121411
UNSPSC 11	39121411
UNSPSC 12.01	39121411
UNSPSC 13.2	39121620
UNSPSC 18.0	39121410
UNSPSC 19.0	39121410
UNSPSC 20.0	39121410
UNSPSC 21.0	39121410

## Approvals

### Approvals

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Approvals

UL Listed / cUL Listed / cULus Listed

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Ex Approvals

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### Approval details