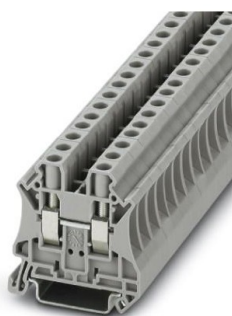


INDUSTRIAL COMPONENT DATA

UT 6 3044131 PHOENIX CONTACT Feed-through terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: UT 6



Manufacturer	PHOENIX CONTACT
MPN / Reference	UT 6
Catalog number	UT 6
Category	Feed-through terminal block
Minimum order	1 unit
Document ID	EO-DE6CFE405C
Generated	2026-07-27

Product Overview

Feed-through terminal block

Feed-through terminal, nominal voltage: 1000 V, nominal current: 41 A, number of connections: 2, connection type: Screw connection, Sizing cross-section: 6 mm², cross-section: 0.2 mm² - 10 mm², mounting class: NS 35/7.5, NS 35/15, color: gray

STRUCTURED PRODUCT DATA

Technical Specifications

TECHNICAL ATTRIBUTE	VALUE
Connectable conductor cross section fine-strand without cable end sleeve (EF007341)	0.2 mm ²
Connectable conductor cross section fine-strand with cable end sleeve (EF007339)	0.25 mm ²
Connectable conductor cross section solid-core (EF007337)	0.2 mm ²
Connectable conductor cross section multi-wired (EF007343)	0.2 mm ²
Rated current I _n (EF008250)	41 A
Rated voltage (EF000228)	1000 V
Type of electrical connection 1 (EF002526)	Screw connection
Type of electrical connection 2 (EF002527)	Screw connection
Number of clamp positions per level (EF002660)	2
Suitable for conductor material (EF012572)	Aluminium/copper
Mounting method (EF000003)	DIN rail (top hat rail) 35 mm
Material insulation body (EF007543)	Other
Operating temperature (EF002393)	-60 °C
Inflammability class of insulation material according to UL94 (EF002521)	V0

CONTINUED

Technical Specifications

TECHNICAL ATTRIBUTE	VALUE
Width (EF000008)	8.2 mm
Height (EF000040)	47.7 mm
Depth (EF000049)	46.9 mm
Explosion-tested version 'Ex e' (EF008498)	Yes
Closing plate required (EF002525)	Yes
Colour (EF000007)	Grey
Internally connected stages (EF002661)	Yes

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > Modular TBs
--------------	-------------------------------

Additional Product Information

Key Commercial Data

Orderkey 3044131

Packing unit 50 pc

Minimum order quantity 50 pc

Catalog page Page 243 (C-1-2017)

GTIN 4017918960438

Weight per Piece (excluding packing) 13.900 g

Custom tariff number 85369010

Country of origin DE (Germany)

General

Number of levels 1

Number of connections 2

Potentials 1

Nominal cross section 6 mm²

Color gray

Insulating material PA

Flammability rating according to UL 94 V0

Area of application Railway industry

Machine building

Plant engineering

Process industry

Rated surge voltage 8 kV

Degree of pollution 3

Overvoltage category III

Insulating material group I

Maximum power dissipation for nominal condition 1.31 W

Maximum load current 57 A (with 10 mm² conductor cross section)

Nominal current IN 41 A
Nominal voltage UN 1000 V
Open side panel Yes
Shock protection test specification DIN EN 50274 (VDE 0660-514):2002-11
Back of the hand protection guaranteed
Finger protection guaranteed
Result of surge voltage test Test passed
Surge voltage test setpoint 9.8 kV
Result of power-frequency withstand voltage test Test passed
Power frequency withstand voltag...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / UT 6 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.