

Feed-through terminal block - OTTA 25-M6 - 0790491

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Universal terminal block with bolt connection, cross section: 1 - 25 mm², width: 18 mm, color: gray

The illustration shows version OTTA 25-M5



Key commercial data

Packing unit	1 pc
GTIN	 4 017918 005603
Weight per Piece (excluding packing)	54.636 GRM
Custom tariff number	85369010
Country of origin	India

Technical data

General

Number of levels	1
Number of connections	2
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V0
Rated surge voltage	8 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Current	101 A
Additional text	with 25 mm ² conductor cross section

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Technical data

General

Nominal current I_N	101 A
Nominal voltage U_N	800 V (the nominal voltage applies to insulated cable lugs)
Open side panel	ja
Surge voltage test setpoint	9.8 kV
Result of surge voltage test	Test passed
Power frequency withstand voltage setpoint	2.2 kV
Result of power-frequency withstand voltage test	Test passed
Checking the mechanical stability of terminal points (5 x conductor connection)	Test passed
Tight fit on carrier	NS 32/NS 35
Setpoint	10 N
Result of tight fit test	Test passed
Requirements, voltage drop	≤ 3.2 mV
Result of voltage drop test	Test passed
Temperature-rise test	Test passed
Conductor cross section short circuit testing	25 mm ²
Short-time current	3 kA
Short circuit stability result	Test passed
Proof of thermal characteristics (needle flame) effective duration	30 s
Result of thermal test	Test passed
Temperature index, insulating material (DIN EN 60216-1 (VDE 0304-21))	130 °C
Static insulating material application in cold	-60 °C

Dimensions

Length	60 mm
Width	18 mm
Height NS 35/7,5	64.5 mm
Height NS 35/15	72 mm
Height NS 32	69.5 mm

Connection data

Conductor cross section solid min.	1.5 mm ²
Conductor cross section solid max.	25 mm ²
Conductor cross section stranded min.	1.5 mm ²
Conductor cross section stranded max.	25 mm ²
Conductor cross section AWG/kcmil min.	16
Conductor cross section AWG/kcmil max	4
Screw thread	M6
Tightening torque, min	3.2 Nm

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Technical data

Connection data

Tightening torque max	3.7 Nm
Connection method	Bolt connection
Connection in acc. with standard	DIN 46 234
Min. cross section	1.5 mm ²
Max. cross section	25 mm ²
Hole diameter	6.5 mm
Bolt diameter	6 mm
Connection in acc. with standard	DIN 46237
Min. cross section	2.5 mm ²
Max. cross section	6 mm ²
Hole diameter	6.5 mm
Bolt diameter	6 mm

Classifications

eCl@ss

eCl@ss 4.0	27141120
eCl@ss 4.1	27141120
eCl@ss 5.0	27141120
eCl@ss 5.1	27141120
eCl@ss 6.0	27141120
eCl@ss 7.0	27141120
eCl@ss 8.0	27141120

ETIM

ETIM 2.0	EC000897
ETIM 3.0	EC000897
ETIM 4.0	EC000897
ETIM 5.0	EC000897

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

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Approvals

Approvals

Approvals

CSA / UL Recognized / LR / GL / EAC

Ex Approvals

Approvals submitted

Approval details

CSA 	
mm ² /AWG/kcmil	18-4
Nominal current I _N	100 A
Nominal voltage U _N	600 V

UL Recognized 	
Nominal current I _N	115 A
Nominal voltage U _N	600 V

LR

GL

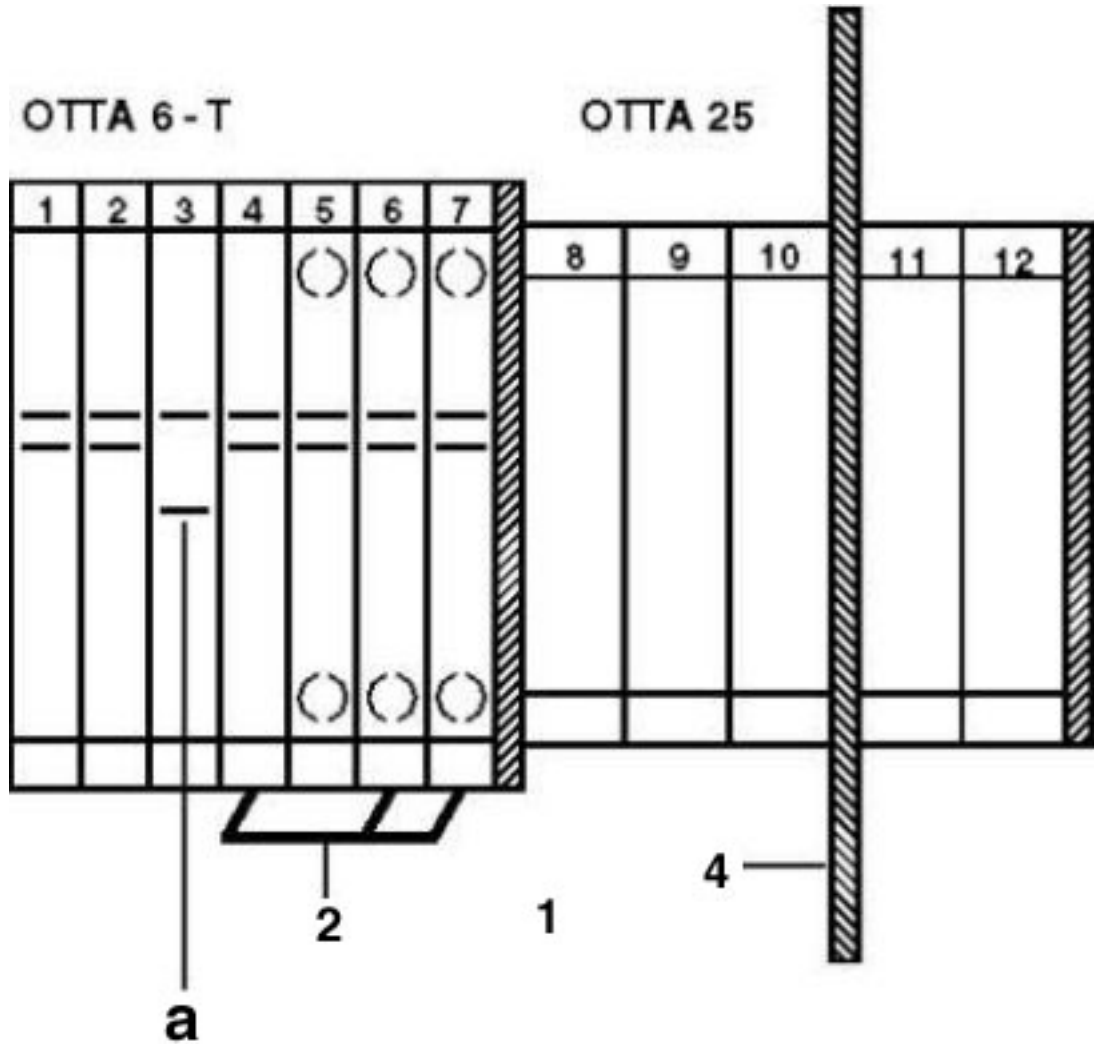
EAC

Drawings

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Circuit
diagram

Circuit diagram



a = open
1 = cover
2 = insertion bridge
4 = partition plate