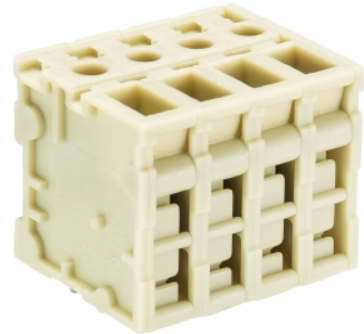


## Data sheet

Commercial Art.No.: 27.703.0453.0

Printed circuit board terminal 8486 / 4 TOP V OB

PCB terminal, 4 poles, with solder pin (3.5mm), pitch: 7.62 mm, type of packing: carton, color: grey



Commercial Art.No.	27.703.0453.0
EAN	4015573661769
Order Unit	50

Certificates / Approvals



## Technical data

### General

Modular spacing	7.62 mm
Connection type	screw connection
Soldering process	Wave soldering
Packaging	Carton
Number of poles	4
Conductor to circuit board	90°
Number of levels	2
Integrated test socket	yes
Insulation plate	No
Retaining pins	No
Marking	No

### Technical data

Nominal cross section	4 mm <sup>2</sup>
Rated current	36 A
Overvoltage Category I	1000 V
Overvoltage Category II	630 V
Overvoltage Category III	500 V
Rated impulse voltage	4 kV
Wire strip length	13 mm

### Connection Data

Minimum cross section solid	0.5 mm <sup>2</sup>
Maximum cross section solid	6 mm <sup>2</sup>

Minimum cross section fine stranded	0.5 mm <sup>2</sup>
Maximum cross section fine stranded	4 mm <sup>2</sup>
Wire strip length	13 mm

**Technical Data UL/CSA**

Cross section UL	22-10 AWG
Voltage UL	300 V
Current field wiring	30 A
Current factory wiring	30 A
Cross section CSA	22-10 AWG
Voltage CSA	300 V
Current CSA	30 A

**Other**

Type of insulation material	Thermoplastic
Color	Grey
Height	26 mm
Length	31.98 mm
Depth	26 mm
Material attachment screw	Steel
Material contact base	E-Cu
Material contact surface	Sn

**Classification**

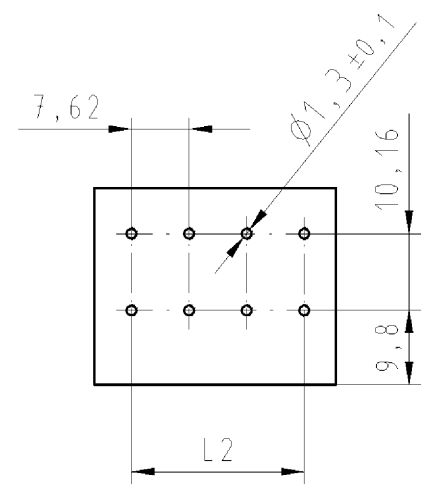
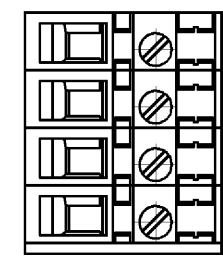
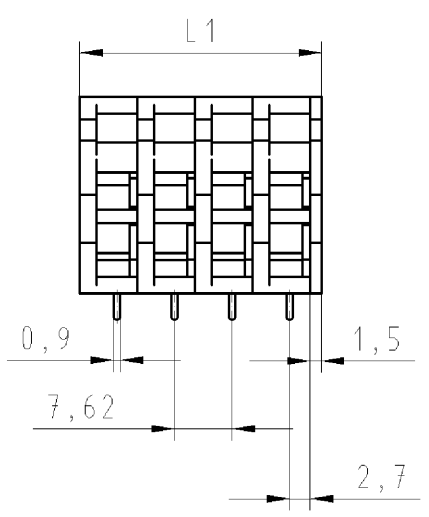
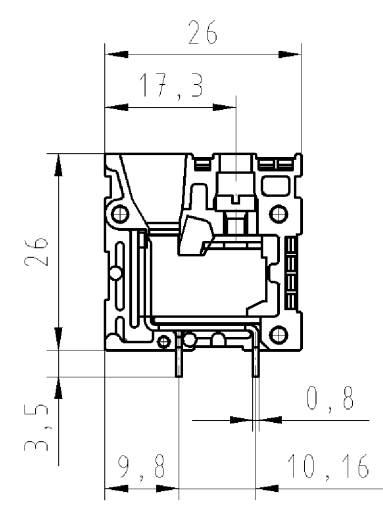
ECLASS 8.1	27440401
ETIM 7.0	EC002643
ETIM 6.0	EC002643
ETIM 5.0	EC002643
ETIM 4.0	EC002643

**Product compliance**

ROHS conformity status	Compliant
REACH-SVHC conformity status	Compliant

These dimensions will be especially checked at delivery  
Only inspection dimensions  
With /E marked dimensions are only valid for internal use

Diese Maße werden bei Abnahme besonders geprüft  
Ausschließlich Prüfmaße  
Mit /E gekennzeichnete Maße sind nur für interne Zwecke gültig



Lochbildtoleranzen nach  
DIN IEC 326 Teil 3 sehr fein  
drill hole tolerances acc. to  
DIN IEC 326 part 3 very fine

gezeichnet/drawn:  
27.703.0453.0

Technische Daten  
Technical Data

Bemessungsspannung V rated voltage	VDE 500	UL 300	CSA 300
Bemessungsstrom A rated current	36	30	25
Anschlußbereich max.mm /AWG connection range	6,0	10	10
Brennbarkeitsklasse UL 94 V-2 flamability rating UL 94 V-2			
Klemmschraube M3 clamping screw			
Verschmutzungsgrad 3/Überspannungskategorie III pollution degree 3/overvoltage category III			
Kontaktbasismaterial contact basis material	E-Cu 57 F 25		
Diffusionssperre diffusion barrier	keine		
Kontaktoberfläche contact surface	Sn 6-10µm		
Isoliermaterial insulating material	PA66		

Teile-Nr. part no.	Typ type	Polzahl pole	L1	L2
27.703.0253.0	8486 / 2 TOP V OB	2	16,74	7,62
27.703.0353.0	8486 / 3 TOP V OB	3	24,36	15,24
27.703.0453.0	8486 / 4 TOP V OB	4	31,98	22,86

Tolerierung nach DIN 7167/Tolerance system acc. to DIN 7167. (This DIN-standard describes the envelope principle. According to the envelope principle the deviations of form and parallelism are limited by the size tolerances).		ja/yes <input checked="" type="checkbox"/> Stoffverbots- und Deklarationsliste nach UU-TQM-05/03 ist einzuhalten. Conformity with Wieland document UU-TQM-05/03 (list of prohibited / declarable hazardous substances) to be declared!	
Freitoleranz nach General tolerance		CAD - Zeichnung, keine manuellen Änderungen CAD - drawing, no manual modifications allowed	1.Verwendung: First Use: -
Blatt: 1 von 1 Sheet: of 1		Zeichnung Nr./Drawing No. 27.703.0253.0 01K a	
Werkstoff/Material Farbe : grau, ähnlich RAL7032 colour: grey, sim. RAL7032		2002 Tag/Date Name 30.04. Bauer F.	Maße in mm/Dimensions are in mm
Maßstab/Scale 1:1		gezeichnet/drawn geprüft/checked Nichtgepr. Stand. check	
Vol. mm <sup>3</sup> Ofl./Surf. mm <sup>2</sup>		Ersatz für/Replacement for: -	
a 05.05.2006/ Index Datum / Blatt Date / Sheet		Type Benennung/Title 8486/.. LP_KLEMME TOP Rastermaß 7,62 V OB PCB-Terminal pitch 7,62mm	
Änderung/Revision		wieland Elektrische Verbindungen	

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