

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Feed-through terminal block, Connection method: Screw connection, Bolt connection, Load current: 101 A, Cross section: 0.5 mm² - 25 mm², AWG 20 - 6, Connection direction of the conductor to plug-in direction: 90 °, Width: 12.1 mm, Color: gray



Key commercial data

Packing unit	1
Minimum order quantity	1
Catalog page	Page 639 (CC-2009)
GTIN	4 0 1 7 9 1 8 1 5 3 4 7 2
Custom tariff number	85369010
Country of origin	GREECE

Technical data

General

Number of levels	1
Number of connections	2
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V0

Dimensions

Width	12.1 mm
Length	63.6 mm

Technical data

Maximum load current	101 A
Rated surge voltage	6 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Nominal current IN	76 A



Technical data

Technical data

Nominal voltage UN	500 V
Open side panel	nein

Connection data

Conductor cross section solid max. Conductor cross section stranded min. Conductor cross section stranded max. Conductor cross section AWG/kcmil min. Conductor cross section AWG/kcmil max Conductor cross section stranded, with ferrule without plastic sleeve min. Conductor cross section stranded, with ferrule without plastic sleeve max. Conductor cross section stranded, with ferrule without plastic sleeve max. Conductor cross section stranded, with ferrule with plastic sleeve max. Conductor cross section stranded, with ferrule with plastic sleeve max. Conductor cross section stranded, with ferrule with plastic sleeve max. Conductor cross section stranded, with ferrule with plastic sleeve max. Conductors with same cross section, solid min. Conductors with same cross section, solid max. Conductors with same cross section, stranded max. Conductors with same cross section, stranded max. Conductors with same cross section, stranded max. Conductors with same cross section, stranded, ferrules without plastic sleeve, min. Conductors with same cross section, stranded, ferrules without plastic sleeve, min. Conductors with same cross section, stranded, ferrules without plastic sleeve, min. Conductors with same cross section, stranded, ferrules without plastic sleeve, min. Conductors with same cross section, stranded, TWIN ferrules without plastic sleeve, min. Conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. Conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. Connection method Screw connection Stripping length Internal cylindrical gage B 7 Screw thread		
Conductor cross section stranded min. Conductor cross section stranded max. Conductor cross section AWG/kcmil min. Conductor cross section AWG/kcmil max 4 Conductor cross section stranded, with ferrule without plastic sleeve min. Conductor cross section stranded, with ferrule without plastic sleeve max. Conductor cross section stranded, with ferrule without plastic sleeve max. Conductor cross section stranded, with ferrule without plastic sleeve max. Conductor cross section stranded, with ferrule with plastic sleeve min. Conductor cross section stranded, with ferrule with plastic sleeve max. 16 mm² 16 mm² 2 conductor cross section stranded, with ferrule with plastic sleeve max. 2 conductors with same cross section, solid min. 2 conductors with same cross section, solid max. 3 conductors with same cross section, stranded min. 2 conductors with same cross section, stranded max. 3 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. Connection with same cross section, stranded, TWIN ferrules with plastic sleeve, max. Connection method Screw connection Stripping length 16 mm M5 Screw thread M5 Screw thread M5 Screw thread	Conductor cross section solid min.	0.5 mm²
Conductor cross section MWG/kcmil min. Conductor cross section AWG/kcmil min. Conductor cross section AWG/kcmil max 4 Conductor cross section stranded, with ferrule without plastic sleeve min. Conductor cross section stranded, with ferrule without plastic sleeve max. Conductor cross section stranded, with ferrule with plastic sleeve max. Conductor cross section stranded, with ferrule with plastic sleeve min. Conductor cross section stranded, with ferrule with plastic sleeve max. Conductor cross section stranded, with ferrule with plastic sleeve max. 2 conductors with same cross section, solid min. 2 conductors with same cross section, solid max. 2 conductors with same cross section, solid max. 2 conductors with same cross section, stranded min. 2 conductors with same cross section, stranded max. 3 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 3 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 4 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 5 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 6 cm² 6 cm² 7 cm² 8 cm² 9 cm²	Conductor cross section solid max.	25 mm²
Conductor cross section AWG/kcmil min. Conductor cross section AWG/kcmil max Conductor cross section stranded, with ferrule without plastic sleeve min. Conductor cross section stranded, with ferrule without plastic sleeve min. Conductor cross section stranded, with ferrule with plastic sleeve min. Conductor cross section stranded, with ferrule with plastic sleeve min. Conductor cross section stranded, with ferrule with plastic sleeve min. Conductor cross section stranded, with ferrule with plastic sleeve min. Conductors with same cross section, solid min. 2 conductors with same cross section, solid max. 6 mm² 2 conductors with same cross section, stranded min. 0.5 mm² 2 conductors with same cross section, stranded max. 6 mm² 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. Connection method Screw connection Stripping length 16 mm Internal cylindrical gage B 7 Screw thread M5 Tightening torque, min	Conductor cross section stranded min.	0.5 mm²
Conductor cross section AWG/kcmil max Conductor cross section stranded, with ferrule without plastic sleeve min. Conductor cross section stranded, with ferrule without plastic sleeve max. Conductor cross section stranded, with ferrule with plastic sleeve min. Conductor cross section stranded, with ferrule with plastic sleeve min. Conductor cross section stranded, with ferrule with plastic sleeve min. Conductor cross section stranded, with ferrule with plastic sleeve max. 16 mm² 16 mm² 2 conductors with same cross section, solid min. 2 conductors with same cross section, stranded min. 2 conductors with same cross section, stranded max. 2 conductors with same cross section, stranded max. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. Connection method Screw connection Stripping length 16 mm Internal cylindrical gage B 7 Screw thread M5 Stripting torque, min	Conductor cross section stranded max.	16 mm²
Conductor cross section stranded, with ferrule without plastic sleeve min. Conductor cross section stranded, with ferrule without plastic sleeve max. Conductor cross section stranded, with ferrule with plastic sleeve min. Conductor cross section stranded, with ferrule with plastic sleeve min. Conductor cross section stranded, with ferrule with plastic sleeve max. 2 conductors with same cross section, solid min. 2 conductors with same cross section, solid max. 3 conductors with same cross section, stranded min. 4 conductors with same cross section, stranded max. 5 conductors with same cross section, stranded max. 6 mm² 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. Connection method Screw connection Stripping length Internal cylindrical gage B 7 Screw thread Tightening torque, min 16 mm Internal cylindrical gage M5 Tightening torque, min 10.5 mm² 10.5 mm² 6 mm² 6 mm²	Conductor cross section AWG/kcmil min.	20
Seeve min. Conductor cross section stranded, with ferrule without plastic sleeve max. Conductor cross section stranded, with ferrule with plastic sleeve min. Conductor cross section stranded, with ferrule with plastic sleeve max. Conductor cross section stranded, with ferrule with plastic sleeve max. 16 mm² 16 mm² 2 conductors with same cross section, solid min. 2 conductors with same cross section, solid max. 3 conductors with same cross section, stranded min. 2 conductors with same cross section, stranded max. 4 conductors with same cross section, stranded max. 5 mm² 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. Connection method Screw connection Stripping length Internal cylindrical gage B 7 Screw thread M5 Tightening torque, min 16 mm²	Conductor cross section AWG/kcmil max	4
Seleeve max. Conductor cross section stranded, with ferrule with plastic sleeve min. Conductor cross section stranded, with ferrule with plastic sleeve max. 16 mm² 16 mm² 16 mm² 2 conductors with same cross section, solid min. 2 conductors with same cross section, solid max. 2 conductors with same cross section, stranded min. 2 conductors with same cross section, stranded max. 3 conductors with same cross section, stranded max. 4 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. Connection method Screw connection Stripping length 16 mm Internal cylindrical gage B 7 Screw thread M5 Tightening torque, min	Conductor cross section stranded, with ferrule without plastic sleeve min.	0.5 mm²
min. Conductor cross section stranded, with ferrule with plastic sleeve max. 2 conductors with same cross section, solid min. 2 conductors with same cross section, solid max. 3 conductors with same cross section, stranded min. 4 conductors with same cross section, stranded min. 5 conductors with same cross section, stranded max. 6 mm² 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 4 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 5 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 6 mm² 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 5 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. Connection method 5 crew connection Stripping length 16 mm Internal cylindrical gage 8 7 Screw thread M5 Tightening torque, min 10 Snm²	Conductor cross section stranded, with ferrule without plastic sleeve max.	16 mm²
max. 16 mm² 2 conductors with same cross section, solid min. 0.5 mm² 2 conductors with same cross section, stranded min. 0.5 mm² 2 conductors with same cross section, stranded min. 0.5 mm² 2 conductors with same cross section, stranded max. 6 mm² 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 0.5 mm² 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 6 mm² 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 0.5 mm² 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 0.5 mm² 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 0.5 mm² 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 0.5 mm² 3 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 0.5 mm² 4 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 0.5 mm² 5 crew connection method 0.5 crew connection 0.5 mm² 6 mm² 7 connection method 0.5 crew connection 0.5 mm² 8 Tightening length 0.6 mm	Conductor cross section stranded, with ferrule with plastic sleeve min.	0.5 mm²
2 conductors with same cross section, solid max. 2 conductors with same cross section, stranded min. 2 conductors with same cross section, stranded max. 3 conductors with same cross section, stranded max. 4 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 5 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 6 mm² 6 mm² 7 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 7 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 8 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 9 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 1 connection method 1 connection method 1 connection method 2 crew connection 1 connection method 3 crew connection 1 connection method 3 crew connection 4 connection method 5 crew thread 6 mm² 8 crew thread M5 1 crew thread M5 1 crew thread	Conductor cross section stranded, with ferrule with plastic sleeve max.	16 mm²
2 conductors with same cross section, stranded min. 2 conductors with same cross section, stranded max. 5 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 5 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 6 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 7 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 8 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 9 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 9 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 9 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 9 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 9 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 9 conductors with same cross section, stranded, TWIN ferrules without plastic sleeve, min. 9 conductors with same cross section, stranded, TWIN ferrules without plastic sleeve, min. 9 conductors with same cross section, stranded, TWIN ferrules without plastic sleeve, min. 9 conductors with same cross section, stranded, TWIN ferrules without plastic sleeve, min. 9 conductors with same cross section, stranded, TWIN ferrules without plastic sleeve, min. 9 conductors with same cross section, stranded, TWIN ferrules without plastic sleeve, min. 9 conductors with same cross section, stranded, TWIN ferrules without plastic sleeve, min. 9 conductors with same cross section, stranded, TWIN ferrules without plastic sleeve, min. 9 conductors with same cross section, stranded, TWIN ferrules without plastic sleeve, min. 9 conductors with same cross section, stranded, TWIN ferrules without plastic sleeve, min. 9 conductors with same cross section, stranded, TWIN ferrules without plastic sleeve, min. 9 conductors with same cross section, stranded, TWIN ferrules witho	2 conductors with same cross section, solid min.	0.5 mm ²
2 conductors with same cross section, stranded max. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. Connection method Screw connection Stripping length Internal cylindrical gage B 7 Screw thread M5 Tightening torque, min 6 mm²	2 conductors with same cross section, solid max.	6 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. Connection method Screw connection Stripping length 16 mm Internal cylindrical gage B 7 Screw thread M5 Tightening torque, min 0.5 mm² 0.7 mm² 0.8 mm² 0.9 mm² 0.	2 conductors with same cross section, stranded min.	0.5 mm ²
plastic sleeve, min. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 6 mm² 6 mm² Connection method Screw connection Stripping length Internal cylindrical gage B 7 Screw thread M5 Tightening torque, min 2 Nm	2 conductors with same cross section, stranded max.	6 mm²
plastic sleeve, max. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 6 mm² 6 mm² Connection method Screw connection Stripping length Internal cylindrical gage B 7 Screw thread M5 Tightening torque, min o mm²	2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.5 mm ²
with plastic sleeve, min. 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. Connection method Screw connection Stripping length Internal cylindrical gage B 7 Screw thread M5 Tightening torque, min	2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	6 mm²
with plastic sleeve, max. Connection method Stripping length Internal cylindrical gage B 7 Screw thread M5 Tightening torque, min	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²
Stripping length Internal cylindrical gage B 7 Screw thread M5 Tightening torque, min 2 Nm	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	6 mm²
Internal cylindrical gage B 7 Screw thread M5 Tightening torque, min 2 Nm	Connection method	Screw connection
Screw thread M5 Tightening torque, min 2 Nm	Stripping length	16 mm
Tightening torque, min 2 Nm	Internal cylindrical gage	B 7
	Screw thread	M5
Tightening torque max 2.3 Nm	Tightening torque, min	2 Nm
	Tightening torque max	2.3 Nm

Classifications

eclass

eCl@ss 4.0	27141131
eCl@ss 4.1	27141131
eCl@ss 5.0	27141134
eCl@ss 5.1	27141134
eCl@ss 6.0	27141134
eCl@ss 7.0	27141134



Classifications

etim

ETIM 2.0	EC001283
ETIM 3.0	EC001283
ETIM 4.0	EC001283
ETIM 5.0	EC001283

unspsc

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

Approvals

Approvals

Approvals

 ${\tt UL\ Recognized\ /\ GOST\ /\ PRS\ /\ IECEE\ CB\ Scheme\ /\ GOST\ /\ cULus\ Recognized}$

Ex Approvals

Approvals submitted

Approval details

UL Recognized \$1	
mm²/AWG/kcmil	20-4
Nominal current IN	85 A
Nominal voltage UN	600 V

KEMA-KEUR KEDA	
mm²/AWG/kcmil	16
Nominal current IN	76 A
Nominal voltage UN	500 V



Approvals

cUL Recognized • SN	
mm²/AWG/kcmil	20-4
Nominal current IN	85 A
Nominal voltage UN	600 V

GOST P	

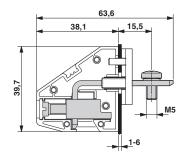
IECEE CB Scheme	
mm²/AWG/kcmil	16
Nominal current IN	76 A
Nominal voltage UN	500 V

10 Th
COST
GOST C

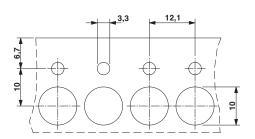


Drawings

Dimensioned drawing



Dimensioned drawing



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