

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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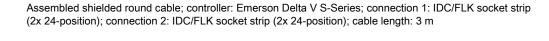








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RoHS

Key Commercial Data

Packing unit	1 STK
GTIN	4 055626 144870
GTIN	4055626144870

Technical data

General

Nominal voltage U _N	< 50 V AC
	60 V DC
Max. current carrying capacity per path	1 A
Max. conductor resistance	0.16 Ω/m
Length of cable	3 m
Single wire, cross section	0.14 mm²
Single wire, cross section [AWG]	26
Conductor construction: Number of litz wires:	7
Single wire, material	Cu tin-plated
External diameter	10.3 mm
Cable, preassembly	Insulation displacement, IEC 60352-4/DIN EN 60352-4
Shielding	yes

Environmental conditions

Ambient temperature (operation)	-20 °C 50 °C
Ambient temperature (storage/transport)	-20 °C 70 °C
Flame resistance	IEC 60332-3-22

Connector 1



Technical data

Connector 1

Connection name	Field level
Connection method	IDC/FLK socket strip
Number of connections	2
Number of positions	24
Pitch	2.54 mm

Connector 2

Connection name	Controller level
Connection method IDC/FLK socket strip	
Conductor cross section AWG	26
Number of connections	2
Number of positions	24
Pitch	2.54 mm

Supported controller

Controller	Emerson DeltaV
- suitable I/O card	SE4053S2B11
	SE4083S2B11

Standards and Regulations

Flame resistance	IEC 60332-3-22
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Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50	
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"	

Drawings



Connection diagram

FLK24	FLK24	FLK24	FLK24	Conductor color
X1 A	X3 B	X2 C	X4 D	
PIN 1 PIN 2 PIN 3 PIN 4 PIN 5 PIN 7 PIN 7 PIN 19 PIN 10 PIN 11 PIN 13 PIN 13 PIN 15 PIN 16 PIN 17 PIN 19 PIN 19 PIN 24	PIN 1 2 PIN 3 PIN 4 PIN 5 PIN 19 PIN 19 PIN 10 PIN 11 PIN 11 PIN 12 PIN 15 PIN 17 PIN 17 PIN 17 PIN 17 PIN 18 PIN 19 PIN 19 PIN 12 PIN 12 PIN 12 PIN 24 PIN 24	PIN 2 3 4 5 6 7 8 9 10 PIN 12 PI	PIN 1 PIN 2 PIN 3 PIN 4 PIN 5 PIN 7 PIN 9 PIN 10 PIN 112 PIN 13 PIN 14 PIN 16 PIN 18 PIN 18 PIN 18 PIN 23 PIN 23 PIN 24	black brown red orange yellow green Blue white-black white-black white-brown white-red white-orange white-yellow white-yellow white-yellow white-green white-yellow white-green brown-red brown-red brown-black brown-gray brown-black brown-gray brown-black brown-gray brown-blue brown-gray brown-white green-black green-black green-black green-black green-black green-black green-white green-white yellow-brown

Approvals

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Approvals

UL Listed / cUL Listed / EAC / cULus Listed

Ex Approvals

Approval details

UL Listed	UL	http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm		FILE E 238705
Nominal voltage UN			125 V	
Nominal current IN			1 A	



Approvals

cUL Listed	C UL	http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm		FILE E 238705
Nominal voltage UN			125 V	
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EAC	EAC	RU C- DE.A*30.B00767
cULus Listed	C UL US	

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