

Product information



2EDG-UDB-5.08-10010002838

Pluggable terminal blocks, Rated current: 12A. Rated voltage
(III/2) : 320V, pitch: 5.08mm, Color: green, Contact surface : Tin

Product advantages

- Adapt to multi-type plugs, device design is highly flexible
- Keying requirements can be met
- Din rail installation, suitable for various situations

Product certification



TECHNICAL DATA

Processing notes

Process	Wave soldering/manual soldering
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Connection capacity

Conductor cross section solid	0.2~2.5mm ²
Conductor cross section flexible	0.2~2.5mm ²
AWG	28~12AWG
Torque	0.6N.m
Strip length	7mm

Electrical parameters UL

Rated voltage (B)	300V
Rated voltage (D)	300V
Rated current (B)	15A
Rated current (D)	10A

Electrical parameters IEC

Rated voltage	320V
Rated voltage(III/3)	250V
Rated current	12A
Rated voltage(III/2)	320V
Rated voltage(II/2)	630V
Rated surge voltage(III/3)	4KV
Rated surge voltage(III/2)	4KV
Rated surge voltage(II/2)	4KV

Item properties

Connection direction	0°
Type of installation	Rail mounting
Pin arrangement	Single row in a straight line
Connection method	Screw connection
Screwdriver	Slotted screwdriver
screw thread	M3
Pitch	5.08mm
Number of potentials	4
Pluggable or not	Yes
Number of rows	1

Material data

Environmental items	Compliant with REACH/RoHS
Contact material	copper
Contact point metal surface	tin-plated

Contact zone metal surface	tin-plated
Insulation Materials	PA66
Insulating material group	I
Flammability rating	UL94V-0

Mechanical tests

Test Specification	IEC61984/ UL1059
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Environmental data

Ambient temperature (operation)	-40°C~105°C(depending on derating curve)
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ACCESSORIES

Tool

Screwdriver	0.6x3.5 · Slotted screwdriver
Operating tool	/

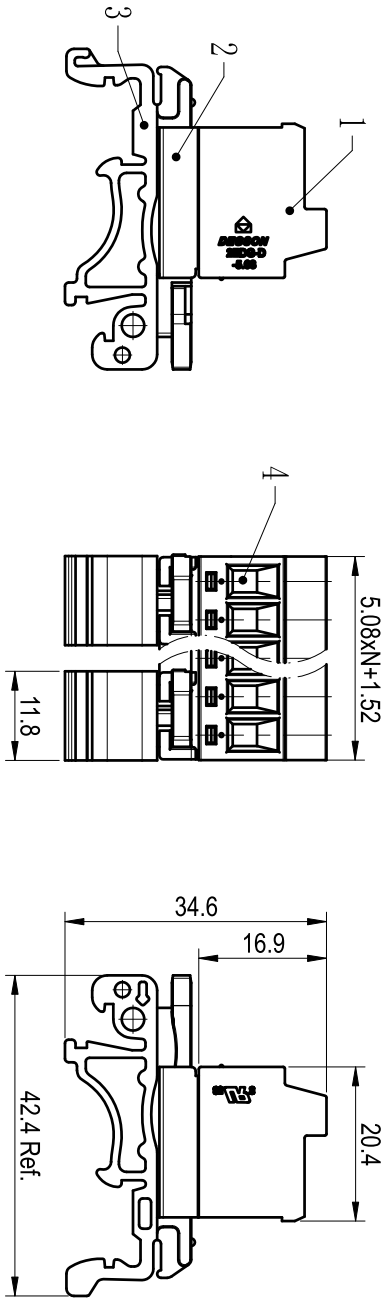
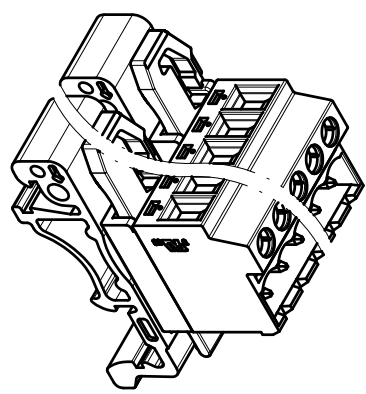
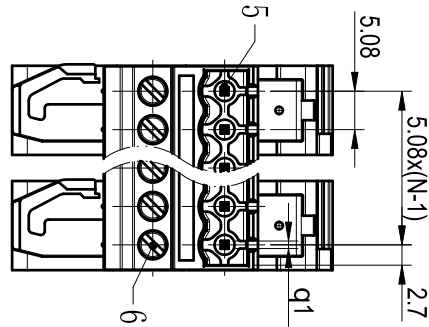
Accessories

Coding strip	2EDG-PWP
Bridge	/
Marking strip	/
Others	/

BUSINESS DATA

Order number	10010002838
Packing unit	160
Minimum order quantity	30
Products weight (without packaging)	13.13

General tolerances(mm)														
0	>3	>6	>10	>18	>30	>50	>80	>120	>180	>250	>315	>400	>500	0.1/10
3	6	10	18	30	50	80	120	180	250	315	400	500	>500	±2°
	+0.12	+0.18	+0.22	+0.26	+0.31	+0.37	+0.57	+0.80	+0.93	+1.05	+1.15	+1.60	+2.20	+2.50



Note:
The A&Z(H) in the name means: A(H) and Z(H).

6	Screw	Steel	M3/Zn Plated
5	Pin	Copper	Sn Plated
4	Cage	Copper alloy	M2/Ni Plated
3	ZEDG-DIN35	PA66	U194V-0
2	Cover	PA66	U194V-0
1	Housing	PA66	U194V-0
ITEM	NAME OF PART	MATERIAL	NOTES
UL Standard: B C D			
Rated Voltage(V)/Current(A) 300/15 / 300/10			
IEC Standard: B C D			
Rated Voltage(V)/Current(A) III/3 III/2 II/2			
Overvoltage Category/ Pollution Degree III/3 III/2 II/2			
Rated Voltage(V)/Current(A) 250/12 320/12 630/12			
(KV)/Rate Impulse Voltage(KV) 4 4 4			
Torque Tightening(N·m/Lb.in) M3, 0.6/5, 16			
Wire Range(rigid and flexible)(AWG/mm²) 28~12 / 0.2~2.5			
Pitch(mm)/Poles 5.08(N=02~24P) 7~8			
Stripping length(mm) 7~8			
Operating temperature(°C) 40~+105			
Conform to RoHS Yes			

DEGSON	MATERIAL:	SURFACE/COLOR:
	MAT NO./REV: - /00	MAT STATUS:

APPD	2022-12-01	NAME	2EDG-UBD-5-08-04P-14-00Z(H)
CHKD	2022-12-01		
DRFT	2022-12-01	DRAWING NO.	200020105
REV	00	ECN	
DRFT	2022-12-01	DATE	2022-12-01
DRFT	A4	SCALE	1:1
DRFT	1/1	SHEET	1/1

REV	ECN	DESCRIPTION	DRFT	DATE	SCALE	SHEET
00				2022-12-01	1:1	1/1