cabcon CONTACTS

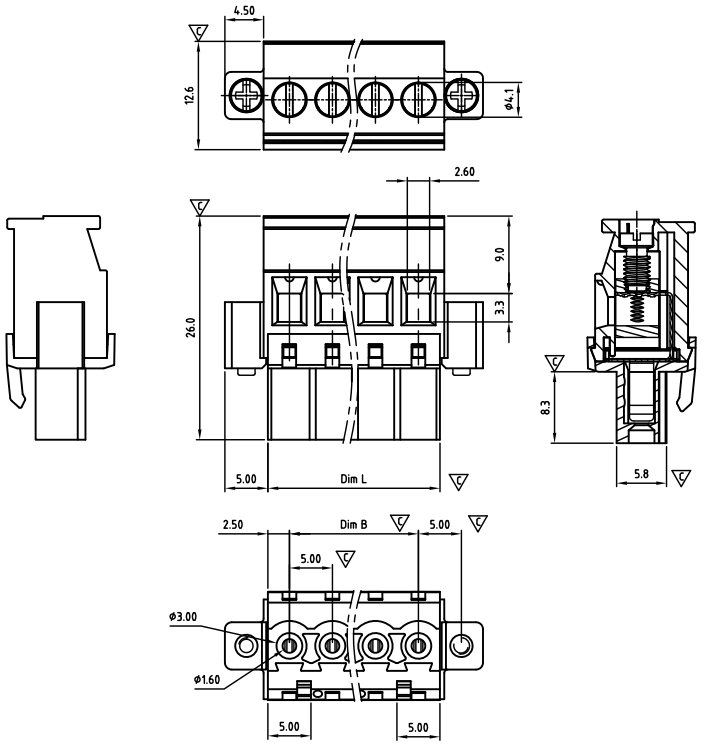
PLUGGABLE TERMINAL BLOCKS

CAMBFW500-SERIES

Pitch 5,00mm

cULus E501953

VDE



Critical dimension: ▽

Dim.L=Px5.0		
Dim.B=(P-1)x5.0		
P=Number of poles (02-24)		
	Dim B	Dim L
0-30mm	+/- 0,15	+/- 0,20
over 30-60mm	+/- 0,20	+/- 0,25
over 60-90mm	+/- 0,25	+/- 0,30
over 90mm	+/- 0,30	+/- 0,40

Tolerance	
x.	+/- 0,50
x.x	+/- 0,30
x.xx	+/- 0,10
x°	+/-1°
	Units:mm

Technical data

Technical data in accordance with UL/cUL

Use Group	B	C	D
Nominal voltage (V)	300	-	300
Nominal current (A)	15	-	10
Connection capacity(AWG)	30-12	-	30-12

Technical data in accordance with IEC and VDE

Rated insulation voltage at pollution degree 2 (V)	320		
Rated current/conductor cross-section (A/mm²)	12 / 2.5		
Solid/stranded(mm²)	0.2-2.5 / 0.2-2.5		
Surge voltage category/pollution degree	III / 3	III / 2	II / 2
Rated insulation voltage(V)	250	320	630
Rated surge voltage(kV)	4	4	4

General data

Stripping length(mm)	6-7
Screw thread	M3
Tightening torque(Nm)	0.5-0.6
Insulation Withstanding Voltage	AC1600V / 1min
Insulation Resistance	1000MΩ or more at DC500V
Using temperature range	-40°C-115°C

Materials

Insulation material group	PA 66 I UL94 -V0
Wire guard	PhBz, Tin plated
Cage	Brass, Ni plated
Screw	Steel, Zn plated

Packing information

Poles	Order Number	SPQ
2	CAMBFW50002x000	250
3	CAMBFW50003x000	140
4	CAMBFW50004x000	120
5	CAMBFW50005x000	80
6	CAMBFW50006x000	80
7	CAMBFW50007x000	70
8	CAMBFW50008x000	55
9	CAMBFW50009x000	55
10	CAMBFW50010x000	55
11	CAMBFW50011x000	50
12	CAMBFW50012x000	40
13	CAMBFW50013x000	35
14	CAMBFW50014x000	35
15	CAMBFW50015x000	35
16	CAMBFW50016x000	35
17	CAMBFW50017x000	35
18	CAMBFW50018x000	30
19	CAMBFW50019x000	28
20	CAMBFW50020x000	28
21	CAMBFW50021x000	28
22	CAMBFW50022x000	28
23	CAMBFW50023x000	16
24	CAMBFW50024x000	16

Ordering code

CAMB FW 500 xx x xxx
① ② ③ ④ ⑤ ⑥

① Type
② Product style
③ Pitch
④ Poles (02-24)
⑤ Color
⑥ Standard 000 or Custom XXX

Color

0	Black	5	Green
1	Brown	6	Blue
2	Red	G	Pale grey
3	Orange	8	Dark grey
4	Yellow	9	White

Key Commercial data

Custom tariff number	8536901000
Country of origin	CN (China)

Mating with headers

CAHACH500 Series

CAHACV500 Series

Lead Free | RoHS Compliant 2011/65/EU | 5,00 mm | 12A IEC | 250V IEC | 2,5 mm² | 0°