

FEATURES AND SPECIFICATIONS

Features and Benefits

- 2 to 24 circuits
- Holds wires for secure, reliable contact
- Industry-standard interface
- End-to-end stackable
- High flammability rating

Reference Information

UL : File No. E48521
Guide No. XCFR2
CSA: File No. 025562

Electrical

Voltage: 300 V
Maximum Current: 15 Amp
Insulation Resistance: >5,000 Megaohms

Mechanical

Rec. Tightening Torque: 8 in. lbs. .90 Nm
Operating Temperature: 110°C
Wire Strip Length: 1/4" or 6mm

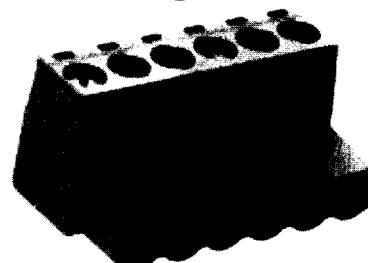
Physical

Housing: Polyamide, UL94 V-0, black
Screws: 3mm Steel
Screw Plating: Zinc chromate
Contacts: Phosphor bronze
Contact Plating: Tin
Pressure Clamp: Brass
Pressure Clamp Plating: Nickel
Wire Range: 12 to 26 AWG, 2.5 to 0.2mm²



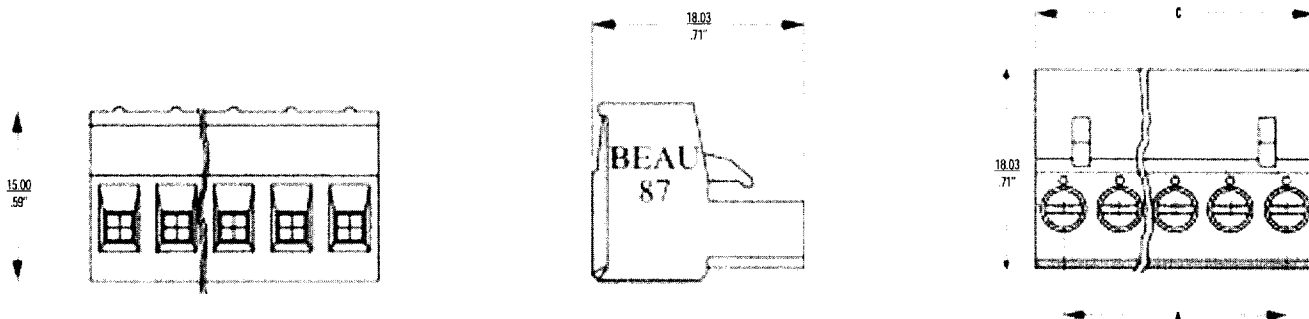
5.0mm (.197") Pitch
Beau Eurostyle®
Pluggable PCB
Terminal Block

39870, 39871, 39874
180° Wire Entry



87 Series

CATALOG DRAWING (FOR REFERENCE ONLY)



ORDERING INFORMATION AND DIMENSIONS

Order # (Engineering #) Replace XX with # of circuits, 02-24

Right Angle

Tin Plated
39870-01XX (8705XX)

Gold Plated
39871-01XX (8705XX-G30)

Bronze Screws
39874-01XX (8705XX-49)

# of Circuits	A		C	
	in	mm	in	mm
2	.20	5.0	.39	9.9
3	.39	10.0	.59	14.9
4	.59	15.0	.78	19.9
5	.79	20.0	.98	24.9
6	.99	25.0	1.18	29.9
7	1.18	30.0	1.38	34.9
8	1.38	35.0	1.58	39.9
9	1.58	40.0	1.77	44.9
10	1.77	45.0	1.97	49.9
11	1.97	50.0	2.17	54.9
12	2.17	55.0	2.36	59.9
13	2.36	60.0	2.56	64.9

# of Circuits	A		C	
	in	mm	in	mm
14	2.56	65.0	2.75	69.9
15	2.76	70.0	2.95	74.9
16	2.95	75.0	3.15	79.9
17	3.15	80.0	3.34	84.9
18	3.35	85.0	3.54	89.9
19	3.55	90.0	3.74	94.9
20	3.74	95.0	3.93	99.9
21	3.94	100.0	4.13	104.9
22	4.14	105.0	4.33	109.9
23	4.33	110.0	4.53	114.9
24	4.53	115.0	4.72	119.9

*Consult factory for imprinting and other options