ADAM TECH
Adam Technologies, Inc.

AC INLET/OUTLET
IEC 320 & MINI IEC CONNECTORS
IEC SERIES

INTRODUCTION:

Adam Tech IEC & Mini IEC Series AC Inlets and Outlets are primary power receptacles designed, manufactured, tested and approved to UL, CSA, VDE and other applicable international specifications including IEC-60320 and CEE-22. Adam Tech offers a wide variety of body styles, shapes and orientations to accommodate most class I & II applications with two or three blade contacts in both IEC and Mini-IEC configurations. Mounting choices include screw holes and snap-in versions and four termination styles. Options of ganged ports or receptacle with integral fuse holder are also available.

FEATURES:

IEC & Mini-IEC types
IEC-60320, CEE-22 Compliant
UL, CSA and VDE approved
Multitude of Body Styles
Choice of terminations
Option of Integral Fuse Holder

MATING CONNECTORS:

Adam Tech PC series power cords and all standard international IEC 60320 power supply cords.

SPECIFICATIONS:

Material:

Insulator: Polycarbonate or Nylon 66, glass filled, rated UL94V-0
Insulator Color: Black
Contacts: Phosphor Bronze or Brass

Plating:

Nickel over copper underplate. (Solder terminals: Tin over copper underplate)

Electrical:

Operating Voltage: 250V AC
Current Rating: IEC - UL & CSA: 15 Amps Max,
                            VDE: 10 Amps Max.
            Mini IEC - UL, CSA & VDE 2.5 Amps Max.
Insulation Resistance: 100 MΩ Min. @ 500V DC
Dielectric Withstanding Voltage: 2000V AC for 1 Minute

Temperature Rating:

Operation Temperature: -25°C ~ +70°C

PACKAGING:

Anti-ESD plastic trays

SAFETY AGENCY APPROVALS:

UL Recognized File Nos. E224050, E224051, E224052
CSA Certified File No. LR226373

DB12

ORDERING INFORMATION

IEC	A	1	150

SERIES INDICATOR
IEC = International inlet/outlet

TERMINALS
1 = .187" Quick-connect terminals
2 = .250" Quick-connect terminals
3 = Solder terminals .157" [4.0mm]
4 = Right Angle PCB mount
5 = Solder Terminals .098" [2.5mm]

PANEL THICKNESS
(for body styles C, D & J only)
Blank = Universal Snap
080 = 0.8mm Panel
120 = 1.2mm Panel
150 = 1.5mm Panel
200 = 2.0mm Panel
300 = 3.0mm Panel

BODY STYLE

A = Male Inlet, Screw-on panel mount
B = Female Outlet, Screw-on panel mount
C = Male Inlet, Snap-in panel mount
D = Female Outlet, Snap-in panel mount
E = Male Inlet, Right Angle PC board mount with mounting flange (Specify EW, EX, EY or EZ)
F = Male Inlet, Screw on panel mount with 5 x 20mm fuse holder
G = Male Inlet, Snap-in panel mount with 5 x 20mm fuse holder
HS = Inlet/Outlet, snap-in panel mount
HR = Inlet/outlet, snap-in panel mount, right angle PCB mount
J = Male inlet, right angle PCB & tail with snap-in panel mounting
NA = Mini-IEC right angle, snap-in
NB = Mini-IEC right angle, slide-in
NB-A = Mini-IEC right angle, slide-in with pegs
NC = Mini-IEC right angle, with flush flange
NC-A = Mini-IEC right angle, with extended face
ND = Mini-IEC right angle, with enclosed body
NF = Mini-IEC right angle, polarized with flange
NH = Mini-IEC right angle, with ground pin
NH-A = Mini-IEC right angle, flange mount with ground pin
GS = Fused inlet with switch snap in panel mount
FS = Fused inlet with switch screw on panel mount

OPTIONS:
K = Keyed for 120˚ C (Body Styles A, C, E & J)
M = Female outlet, 20 AMP, Flanged
N = Male inlet, 20 AMP, Snap-In