CONCEPT EMC, TYPE 4



INDUSTRY STANDARDS

Mounting brackets required to meet UL/CSA external mounting requirement.

UL 508A Listed; Type 4, 12; File No. E61997
cUL Listed per CSA C22.2 No. 94; Type 4, 12; File No. E61997

NEMA/EEMAC Type 4, 12, 13
IEC 60529, IP66

APPLICATION

Use stylish CONCEPT EMC Enclosures with their convenient quarter-turn latches in indoor or outdoor applications to contain stray electromagnetic interference (EMI) signals produced by internal components and to shield those components from external EMI/RFI interference.

SPECIFICATIONS

- 18, 16 or 14 gauge steel
- Seams continuously welded and ground smooth
- Minimum width body flange provides maximum door opening
- External formed body flange channels away liquids
- Panel mounting studs fit optional CONCEPT panels and other accessories
- Mounting holes in back of body for direct mounting or for optional external mounting brackets
- Removable door with hidden hinges for clean, aesthetic appearance
- Door opens 210 degrees
- Corner-formed door
- Hinge mounting brackets for wire management or optional accessories
- Stainless steel spring finger EMI/RFI gasket
- Quarter-turn latches
- Grounding stud on body
- Door bars provided for wire management and bonding
- Hardware kit includes panel mounting nuts screws, grounding hardware and sealing washers
- Simple easy-to-remove and install hinge pins with captivation clip
- High-torque threadless studs and fasteners on door
- Illustrated instruction sheet

FINISH

Exterior and interior painted with RAL 7035 textured light-gray polyester powder paint over plating.

ACCESSORIES

CONCEPT Panels
Door Stop Kit
Handles
Lock Inserts
Mounting-Bracket Kits
Padlock Insert
Padlock Handle

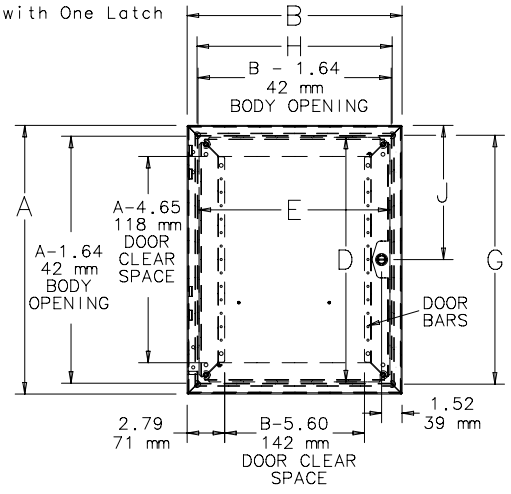
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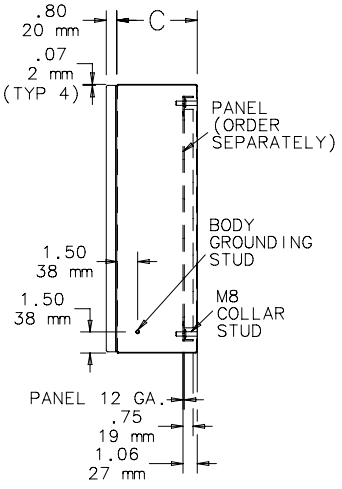
Standard Product

Catalog Number	AxBxC in./mm	Door Ga.	Body Ga.	CONCEPT Panel	Conductive Panel	Panel Size D x E in./mm	Mounting G x H in./mm	Latches Qty.	J in./mm
CSD12126LGEMC	12.00 x 12.00 x 6.00 305 x 305 x 152	16	18	CP1212	CP1212G	10.20 x 10.20 259 x 259	10.50 x 10.50 267 x 267	1	6.00 152
CSD16126LGEMC	16.00 x 12.00 x 6.00 406 x 305 x 152	16	18	CP1612	CP1612G	14.20 x 10.20 361 x 259	14.50 x 10.50 368 x 267	1	8.00 203
CSD16166LGEMC	16.00 x 16.00 x 6.00 406 x 406 x 152	16	18	CP1616	CP1616G	14.20 x 14.20 361 x 361	14.50 x 14.50 368 x 368	1	8.00 203
CSD16206LGEMC	16.00 x 20.00 x 6.00 406 x 508 x 152	16	18	CP2016	CP2016G	18.20 x 14.20 462 x 361	14.50 x 18.50 368 x 470	1	8.00 203
CSD20166LGEMC	20.00 x 16.00 x 6.00 508 x 406 x 152	16	18	CP2016	CP2016G	18.20 x 14.20 462 x 361	18.50 x 14.50 470 x 368	1	10.00 254
CSD24206LGEMC	24.00 x 20.00 x 6.00 610 x 508 x 152	16	18	CP2420	CP2420G	22.20 x 18.20 564 x 462	22.50 x 18.50 572 x 470	1	12.00 305
CSD24248LGEMC	24.00 x 24.00 x 8.00 610 x 610 x 203	14	16	CP2424	CP2424G	22.20 x 22.20 564 x 564	22.50 x 22.50 572 x 572	2	5.00 127
CSD30248LGEMC	30.00 x 24.00 x 8.00 762 x 610 x 203	14	16	CP3024	CP3024G	28.20 x 22.20 716 x 564	28.50 x 22.50 724 x 572	2	5.00 127
CSD36308LGEMC	36.00 x 30.00 x 8.00 914 x 762 x 203	14	14	CP3630	CP3630G	34.20 x 28.20 869 x 716	34.50 x 28.50 876 x 724	2	5.00 127
CSD242412LGEMC	24.00 x 24.00 x 12.00 610 x 610 x 305	14	16	CP2424	CP2424G	22.20 x 22.20 564 x 564	22.50 x 22.50 572 x 572	2	5.00 127
CSD362412LGEMC	36.00 x 24.00 x 12.00 914 x 610 x 305	14	16	CP3624	CP3624G	34.20 x 22.20 869 x 564	34.50 x 22.50 876 x 572	2	5.00 127

Purchase panels separately.

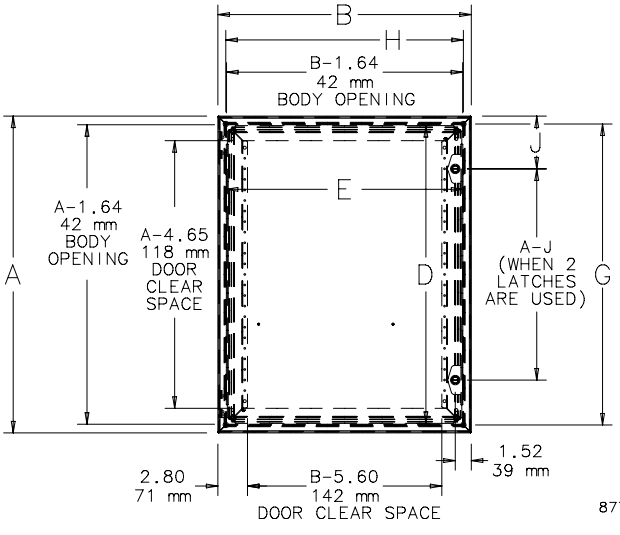
Enclosures with One Latch

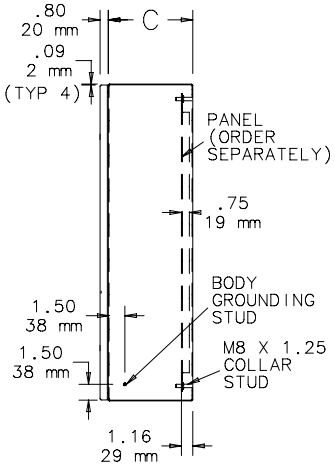




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Enclosures with Two Latches





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CONCEPT Shielding Effectiveness

Standard CONCEPT Cabinet Compared to EMC Shielded CONCEPT Cabinet

