

# EX Series

IEC-320 C14 Inlet Power Entry Module



NRTL/C  
CSA NRTL File No. 110265  
TUV File No. E9672915



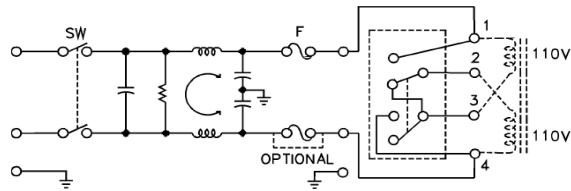
## Applications

SAE Power's EX Series power entry modules provide ALL-IN-ONE install unit. It incorporates an IEC connector, single or dual fuse holder(s) and optional voltage selector switch. It adapts to 110-120V or 220-240V input voltage simply by reversing the fuse cartridge and are offered with a 3, 6 or 10 amp rating.

## Specifications

**Voltage rating:** 115/250 VAC  
**Line frequency:** 50/60 Hz  
**Leakage current:** 0.25 mA maximum at 115 V, 60 Hz  
 (line-to-ground) 0.50 mA maximum at 250 V, 50 Hz  
**Test voltage:** Line to ground, 2250 VDC  
 Line to line, 1450 VDC

## Electrical Schematic



## Common Mode

Current Rating	Frequency (MHz)						
	.05	.1	.15	1	5	10	30
3 A	10	15	20	35	45	45	30 (db)
6 A	5	8	12	25	35	40	35 (db)
10 A	5	8	12	25	35	40	35 (db)

## Differential Mode

Current Rating	Frequency (MHz)						
	.05	.1	.15	1	5	10	30
3 A	5	8	12	30	40	45	30 (db)
6 A	2	5	8	20	30	40	40(db)
10 A	2	5	8	25	35	45	35 (db)

## How to define a part number:

**EX**      **1**      **3**  
 Series      Fusing      Current  
 1=Single      2=Dual      Rating

Minimum Insertion loss in 50 ohm system per MIL-STD-220A

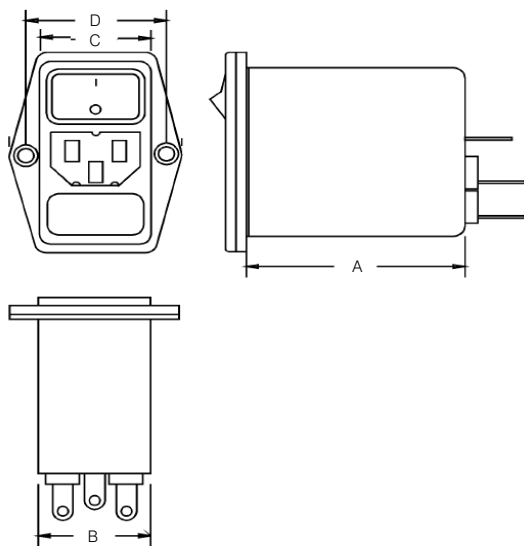
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## Ordering Information

Current Rating	Part Number	Dimensions (mm)			
		A	B	C	D
3A	EX1-3	70.10	29.00	28.50	40.00
	EX2-3	70.10	29.00	28.50	40.00
6A	EX1-6	70.10	29.00	28.50	40.00
	EX2-6	70.10	29.00	28.50	40.00
10A	EX1-10	70.10	29.00	28.50	40.00
	EX2-10	70.10	29.00	28.50	40.00

Connections are 0.250 Tab Terminals which extend 14.73mm.  
Mounting Hole Diameters are 4.78mm

## Dimensions:



## Panel Cut-Out:

