

RP1197

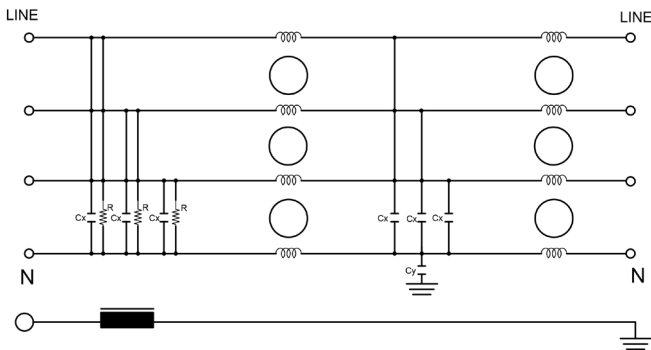
3-PHASE WYE DUAL STAGE 1U POWER LINE FILTER

FEATURES

- » Rated currents include **20A and 30A**
- » Dual Stage Line Filter
- » Available with **S** (studs)
- » Agency Approved to UL1283 / 60929, CSA C22.2, EN 60939
- » Y-cap value can be adjusted to fit specification



ELECTRICAL SCHEMATIC



HOW TO ORDER

RPC1197- X

X = RATED CURRENT
RPC1197 = FILTER SERIES

NOTE: USE ANY COMBINATION OF -X (AMPS) WITH ANY -Y RATINGS
E.G. **RPC1197-20** (20AMPS)

For **X** options see product specification table.

SPECIFICATIONS

| | |
|------------------------|--------------|
| OPERATING FREQUENCY | 50/60 Hz |
| USABLE FREQUENCY | DC - 400 Hz |
| MAX. OPERATING VOLTAGE | 250V +10% |
| AMBIENT TEMPERATURE | -25 TO 50°C |
| CLIMATIC CATEGORY | 25/100/21 |
| TERMINALS (-T) | STUDS: 10-32 |

TYP. WEIGHT, LBS (KG) 3.5 (1.5)

TYPICAL LEAKAGE CURRENT

@ 480 VAC 60 Hz 0 - 1.0 mA Max.

HIPOT RATINGS

LINE TO GROUND 3500 VDC

TYPICAL APPLICATIONS

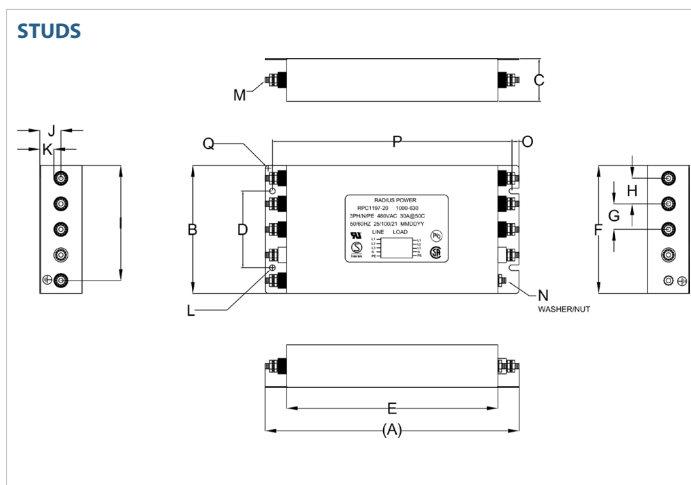
- ✓ Compact Power Supplies
- ✓ PDU
- ✓ Variable Speed Drives
- ✓ 1U Rack Mount Applications

RP1197

3-PHASE WYE DUAL STAGE 1U POWER LINE FILTER

| MODEL NO. | RATED CURRENT, A @ 40° C | LEAKAGE CURRENT mA, @ 480V AC/60 Hz | TERMINAL OPTIONS | | | MOUNTING FLANGE | MAX. DIMENSIONS" (MM) | | |
|------------|--------------------------|-------------------------------------|------------------|------------------|------------------|-----------------|-----------------------|------------|-----------|
| | | | (W) INPUT/OUTPUT | (S) INPUT/OUTPUT | (C) INPUT/OUTPUT | | WIDTH | (LENGTH) | HEIGHT |
| RPC1197-20 | 20 | 1.00 | | ✓ | | ✓ | 4.50"(114) | 9.02"(229) | 1.50"(38) |
| RPC1197-30 | 30 | 1.00 | | ✓ | | ✓ | 4.50"(114) | 9.02"(229) | 1.50"(38) |

RPC1197 MECHANICAL OUTLINES (MM)



| SERIES | (A) | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q |
|--------|----------------|----------------|---------------|---------------|----------------|----------------|---------------|---------------|----------------|---------------|---------------|--------------------------|--------------------|---------------------|--------------|----------------|----------|
| STUDS | 9.02" (229) | 4.50" (114) | 1.50" (38) | 2.70" (69) | 7.50" (191) | 4.50" (114) | 0.90" (23) | 0.90" (23) | 4.05" (103) | 0.75" (19) | 0.50" (13) | Ø0.20", 2x (Ø5.1, 2x) | STUD, 10-32, 9x | STUD, GND, 10-32 | 0.25" (6) | 8.50" (216) | R2.5, 4x |

TYPICAL TOLERANCE: +/-0.02" (0.50MM)

TYPICAL INSERTION LOSS, dB (50/50 Ohm)

| Amps | Freq (MHz) | 0.15 | 0.5 | 1.0 | 10 | 30 |
|------|------------|------|-----|-----|----|----|
| 20 | CM (dB) | 32 | 50 | 60 | 42 | 30 |
| | DM (dB) | 45 | 60 | 60 | 40 | 30 |
| 30 | CM (dB) | 32 | 50 | 60 | 42 | 30 |
| | DM (dB) | 45 | 60 | 60 | 40 | 30 |