

| MINIMUM INSERTION LOSS IN dB LINE TO GROUND IN 50 OHM CIRCUIT | | | | | | | | MINIMUM INSERTION LOSS IN dB LINE TO LINE IN 50 OHM CIRCUIT | | | | | | | |
|--|---------------|-----|----|----|----|----|----|--|---------------|-----|----|----|----|----|----|
| CURRENT RATING | FREQUENCY MHz | | | | | | | CURRENT RATING | FREQUENCY MHz | | | | | | |
| | 0.15 | 0.5 | 1 | 3 | 5 | 10 | 30 | | 0.15 | 0.5 | 1 | 3 | 5 | 10 | 30 |
| H MODELS | | | | | | | | | | | | | | | |
| 3 AMP | 21 | 27 | 30 | 29 | 26 | 23 | 15 | 3 AMP | 4 | 12 | 18 | 31 | 40 | 48 | 41 |
| 6 AMP | 11 | 15 | 17 | 19 | 18 | 16 | 13 | 6 AMP | 4 | 12 | 16 | 26 | 35 | 40 | 35 |
| 10 AMP | 5 | 8 | 10 | 12 | 11 | 11 | 10 | 10 AMP | 4 | 12 | 16 | 26 | 33 | 40 | 32 |
| S MODELS | | | | | | | | | | | | | | | |
| 3 AMP | 21 | 27 | 33 | 40 | 44 | 50 | 32 | 3 AMP | 4 | 12 | 15 | 30 | 48 | 50 | 45 |
| 6 AMP | 12 | 17 | 23 | 32 | 36 | 44 | 30 | 6 AMP | 4 | 12 | 15 | 22 | 42 | 55 | 45 |
| 10 AMP | 5 | 10 | 13 | 23 | 27 | 35 | 27 | 10 AMP | 4 | 12 | 15 | 22 | 42 | 55 | 45 |

RECOMMENDED PANEL CUTOUTS

| STYLE | DIMENSION 'A' | | DIMENSION B |
|-------|---------------|----------|-------------|
| | UNSHIELDED | SHIELDED | |
| PS | 1.06 | 1.12 | 2.201 * |
| PSL | 1.12 | | 2.201 * |
| PE | 1.12 | 1.12 | 2.201 * |
| PM | 1.06 | 1.12 | 2.13 |
| PSC | 1.06 | 1.12 | 2.52 |
| PSJ | 1.06 | 1.12 | 2.6 |

* FOR PANEL THICKNESS OF 0.031"-0.079" ONLY.
USE 2.213 FOR PANEL THICKNESS OF 0.083"-0.114"

SHEET 1 OF 2

| ECN# | APPRVD | DATE | REV |
|-----------|--------|---------|-----|
| 10-002963 | ELC | 19AUG10 | C |
| 12-015327 | TAM | 22AUG12 | D |



NOTE: FOR SNAP-IN APPLICATIONS, THE A SIDES MUST HAVE A .020 R. ON INSTALLATION SIDE.

C - EXTENDER



J-SERIES EXTENDER



MOUNTING STYLE
 E = SEE VIEW ABOVE
 S = SEE VIEW
 M = SEE VIEW

EXTENDER
 C = NONE
 J = J SERIES
 L = L SERIES

OPTIONS
 SWITCH
 D = BLANK
 S = DOUBLE POLE SINGLE THROW
 O = SINGLE VOLTAGE
 S = DUAL VOLT. SELECT (SMPS)
 X = DUAL VOLT. SELECT (SERIES/PARALLEL)

SHIELDING
 O = NO SHIELD
 A = FILTER SHIELD
 B = COMPLETE SHIELD

FILTERING
 O = NO FILTER
 3 = 3 AMPS
 6 = 6 AMPS
 X = 10 AMPS

FUNCTION
 O = NO FILTER
 B = INTERCONNECTION BLOCK
 H = MEDICAL FILTER
 S = GENERAL PURPOSE
 D = DUAL FUSE
 S = SINGLE FUSE



Tyco Electronics
 CORCOM PRODUCTS, 620 S. BUTTERFIELD RD. MUNDELEIN IL 60060

CUSTOMER DRAWING
 P-SERIES

| | | | |
|---------------------------|--------------|--------------------------|--------|
| TYCO ELECTRONICS PART NO. | | | |
| SCALE: 1:2 | DATE: 2-4-97 | DRAWING NUMBER: P-SERIES | REV. D |
| DRW. BY: | ORIG: | | |



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SPECIFICATIONS

| | |
|---------------------------|---|
| HIPOT RATING (ONE MINUTE) | |
| LINE TO GROUND: | 1500 VAC |
| LINE TO LINE: | 1450 VDC |
| OPERATING FREQUENCY: | 50/60 Hz |
| RATED VOLTAGE: | 120/250 VAC |
| OPERATING VOLTAGES: | 115/230 VAC |
| SELECTABLE OR FIXED: | SELECTABLE FUSEHOLDER ACCEPTS 1 OR 2 FUSES 1/4" x 1-1/4" OR 5 x 20mm |
| OPERATING AMBIENT TEMP.: | -10°C TO +40°C |
| STORAGE TEMPERATURE: | -40°C TO +85°C |
| HUMIDITY: | 21 DAYS, 40°C @95% RH. |
| CURRENT OVERLOAD TEST: | 6 TIMES I _R FOR 8 SECONDS |



NOTE 1: JUMPERS ARE REQUIRED IF A FILTER OR INTERCONNECTION MODULE IS NOT USED.
 NOTE 2: LOCATION OF OPTIONAL FILTER. JUMPERS ARE REQUIRED IF A FILTER OR INTERCONNECTION MODULE IS NOT USED.

NONFILTERED MODELS

| | |
|---------------------------------|--------------------------------|
| RATED CURRENT; I _R : | 10A @ 120 VAC 10A @ 250 VAC |
|---------------------------------|--------------------------------|

FILTERED MODELS

| | |
|--|---------------------------------|
| MAXIMUM LEAKAGE CURRENT, EACH LINE TO GROUND | |
| @ 120 VAC 60Hz: | H MODELS 2µA S MODELS 0.25m |
| @ 250 VAC 50Hz: | H MODELS 5µA S MODELS 0.50mA |

| | |
|---------------------------------|-----------------------------------|
| RATED CURRENT; I _R : | 3, 6 & 10 AMP MODELS AVAILABLE |
|---------------------------------|-----------------------------------|

GENERAL NOTES:
 CONVERSION CLIP PROVIDED ON FUSEHOLDER FOR SINGLE FUZE MODELS.
 SWITCH: DOUBLE INSULATED RATED FOR 10,000 OPERATIONS AT FULL LOAD.
 51 AMP INRUSH CAPABILITY.
 TERMINALS: FOUR 0.187" x 0.032" QUICK CONNECT TABS
 ONE SOLDER TERMINAL

SAFETY ORGANIZATIONS

THIS FILTER HAS BEEN FORMALLY RECOGNIZED, CERTIFIED OR APPROVED BY THE LISTED AGENCY. THEREFORE, ALL TEST/REQUIREMENTS SPECIFIED IN THE LATEST REVISION OF THE FOLLOWING AGENCY STANDARDS HAVE BEEN MET:

UL RECOGNIZED
 CSA CERTIFIED
 VDE APPROVED



SEE INDIVIDUAL CUSTOMER DRAWINGS FOR OTHER (L AND Z) P-SERIES VERSIONS.

Tyco Electronics
 CORCOM PRODUCTS, 620 S. BUTTERFIELD RD. MUNDELEIN IL 60060

CUSTOMER DRAWING
 P-SERIES

TYCO ELECTRONICS PART NO.

| | | | |
|-----------|--------------|-----------------|------|
| SCALE: NA | DATE: 2/4/97 | DRAWING NUMBER: | REV. |
| DRW. BY: | ORIG: | P-SERIES | D |

| | |
|------------|------------------------|
| SHEET SIZE | THIRD ANGLE PROJECTION |
| A | |

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