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RELEASED FOR PUBLICATION

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LOC

DIST

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

X53

-

A

ECO-10-017557

10JAN2012

EC

EC

MINIMUM INSERTION LOSS, 50Ω LINE AND LOAD IMPEDANCES

LINE TO GROUND (COMMON MODE)

LINE TO LINE (DIFFERENTIAL MODE)

CURRENT RATING

FREQUENCY, MHz

.15

.5

1

3

10

30

CURRENT RATING

FREQUENCY, MHz

.15

.5

1

3

10

30

3 AMP

50

60

60

49

40

30

6 AMP

34

58

58

47

37

30

10 AMP

6

35

45

45

38

30

3 AMP

25

60

60

53

45

40

6 AMP

9

50

62

54

46

40

10 AMP

10

20

59

54

48

40

SCHEMATIC

PANEL CUT-OUT

1.575

PE VERSIONS

1.120^{+.008}_{-.000}

2.201^{+.008}_{-.000} *

2.496

PM VERSIONS

R.06

Ø.135

FOR PS VERSIONS THE SHORT EDGES MUST HAVE R.02 ON INSERTION SIDE.

* FOR PANEL THICKNESS 0.031-0.079 USE 2.201

FOR PANEL THICKNESS 0.083-0.114 USE 2.213.

ALLOW .15 FOR SWITCHED VERSIONS

2.71

2.43

2.73

PS SNAP-IN MOUNTING

1.22

.21

2.29

2.73

2.45

2.75

PS

PE SHOWN WITHOUT SWITCH

1.95

.23

Ø.13

Ø.23

PE

2.71

2.43

2.73

PM SHOWN WITH SWITCH

Ø.13

Ø.23

2.88

PS

.340

.206

.28

2.12

1.14

PART NUMBER SYSTEM

P

S

0

S

0

S

M

6

E

MOUNTING STYLE

S = SEE ABOVE

E = SEE ABOVE

M = SEE ABOVE

SWITCH OPTIONS

0 = NONE

S = DOUBLE POLE, SINGLE THROW

CURRENT

3 = 3 AMP

6 = 6 AMP

X = 10 AMP

FUSE LOCATIONS

D = DUAL FUSING

S = SINGLE FUSING

INCLUDES CONVERSION CLIP

PS0S0SM6E EXAMPLE:

SNAP-IN MOUNTING

WITH SWITCH

SINGLE FUSING

6 AMP

0'S ARE ZEROS.

HIPOT RATING (ONE MINUTE)

LINE TO GROUND: 1500 VAC

LINE TO LINE: 1450 VDC

OPERATING FREQUENCY: 50/60 Hz

RATED VOLTAGE: 120/250 VAC

FUSING: ACCEPTS 3AG Ø 1/4" X 1-1/4" OR METRIC Ø 5 mm X 20 mm

OPERATING AMBIENT TEMP: -10°C TO 40°C

STORAGE TEMPERATURE: -40°C TO 85°C

MAX LEAKAGE CURRENT .25mA @ 120V 60Hz

PER LINE TO GROUND: .50mA @ 250V 60Hz

HUMIDITY: 21 DAYS, 40°C @ 95%RH

CURRENT OVERLOAD: 6X RATED FOR 8 SEC

SWITCH: 10K CYCLES @ 51 AMP INRUSH

TERMINALS: 0.187" X .032 FASTON TABS

SAFETY AGENCIES: UL RECOGNIZED, CSA CERTIFIED, VDE APPROVED.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN EC 20DEC2011

CHK - 20DEC2011

APVD EC 20DEC2011

PRODUCT SPEC -

APPLICATION SPEC -

WEIGHT -

CUSTOMER DRAWING

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±.2

1 PLC ±.1

2 PLC ±.02

3 PLC ±.005

4 PLC ±.0005

ANGLES ±1

MATERIAL -

FINISH -

NAME

MEDIUM P SERIES

SWITCHED, FUSED,

2-STAGE FILTERED INLET

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A300779

©-MEDIUM-P-SERIES

SCALE 1:2

SHEET 1 OF 1

REV A

TE

TE Connectivity