

UL Listed Meter Socket Adapter - 12S

www.ts-tm.com

2900 Sencore Drive, Suite 100 Sioux Falls, SD.

605-334-2924



TSTM Part Number 12S:35S/45S/200:5

Description: Meter Socket Extender Adapter, Converts a self-contained 200/320 ampere meter socket, 480V, meter Form 12S to a 35/45S transformer-rated meter utilizing a TSTM VT Pack™ changing voltage at the meter. The adapter uses “revenue grade” current transformers converting the self contained meter socket to a CT Rated meter socket. A micro switch is pre-wired in the face of the adapter wired to the B-Phase (return) resolving the presence of voltage on the bottom center terminals when the meter is removed. Adapter is applicable for either ungrounded or corner grounded 3-Phase 3-Wire Delta services.

Transformer Specifications –

The adapter has (2) current transformers, Ratio – 200:5, Rating Factor of 3. Accuracy .3% @ B0.1 50-400 Hz, 600V Rated, INS Class 10kv BIL

Adapter Ratings – 320A continuous, 400A Max, 600V Rated Equipped with LED bypass devices. When the meter is removed, auto bypass devices engage allowing the 35/45S meter to be removed from the adapter



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Physical Nominal Values

Test

Specific Gravity 1.26

ASTM D792

Melt Flow (300 Deg C/1.2 kg.) 12.0g/10 min

ASTM D1238

Mechanical

Tensile Modulus 480,000 psi

ASTM D638

Tensile Strength @ Yield 9,400 psi

ASTM D638

Flexural Modulus 490,000 psi

ASTM D790

Flexural Strength @ Yield 14,500 psi

ASTM D790

Impact

Notched Izod Impact (73 Degrees F, 0.125 in) 2.50 ft-lb/in

ASTM D256

Thermal

DTUL @ 264 psi-unannealed (.125 in) 288 Degrees F

ASTM 648

UL Rating

Flammability Rating V-0 @ 0.125"

UL 94

RTI, Electrical 125 Degrees C

UL 746B

RTI, Mechanical with Impact 115 Degrees C

UL 746B

RTI, Mechanical without Impact 125 Degrees C

UL746B

Plastic Rating – UL Listed, 10% Fiberglass

Reinforced Polycarbonate with UV

Patent Pending

Contact TSTM, Inc. For Pricing and Availability

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