

GENERAL SPECIFICATIONS:

| | |
|--|---|
| VOLTAGE, PHASE, FREQUENCY | 120/208V, 3-phase, 4-wire, 60Hz |
| OPERATING TEMPERATURE RISE | 130°C [115°C] [80°C] |
| INSULATION CLASS | 220°C |
| SYSTEM CONNECTION | Parallel (shunt), 3-phase + neutral |
| ZERO SEQUENCE IMPEDANCE | $Z_0 < 0.95\%$, $X_0 < 0.3\%$ |
| EQUIV. EFFICIENCY AT FULL LOAD | > 97% |
| MAGNETISING INRUSH | < 10 times FL RMS |
| WINDING MATERIAL | Copper |
| INSULATING VARNISH IMPREGNATION | Polyester Resin |
| AUDIBLE SOUND LEVEL | As per NEMA ST-20 & CSA C9 Based on equivalent kVA |
| ENCLOSURE | Type: NEMA-3R, ventilated Paint: Polyester powder coated Colour: ANSI 61 Grey |
| NEUTRAL CURRENT AMMETER⁽¹⁾ | Flush mounted |

OPTIONS:

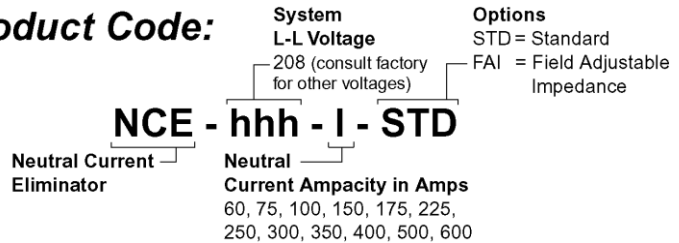
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|--|--|
| FIELD ADJUSTABLE IMPEDANCE (FAI) | Higher Z_0 can be selected in Field to lower neutral current removed by NCE™ |
| OVER-TEMPERATURE SWITCH(ES) | [170°C] [200°C] |
| NCE OFF-LINE RELAY and/or ALARM | Monitors status of CB ⁽⁵⁾ feeding NCE™ AR1: Alarm relay only ALM1: Alarm relay and flashing light |
| SOLID BOTTOM PLATE (Case 'MT' only) | |

[yes], [no]

| 'SU3' ENCLOSURE DIM. - inches [mm] | | | | 'MT2' ENCLOSURE DIM. - inches [mm] | | | |
|------------------------------------|-------------|-------------|-------------|------------------------------------|-------------|-------------|-------------|
| | | | | | | | |
| CASE | A | B | C | D | E | F | G |
| SU3 | 34.00 [864] | 20.25 [514] | 13.25 [336] | 16.00 [406] | 18.00 [457] | 13.00 [330] | 20.00 [508] |
| MT2 | 38.00 [965] | 21.50 [546] | 19.50 [495] | 23.50 [597] | 17.00 [432] | 17.50 [445] | 25.00 [635] |

| 'MT3' ENCLOSURE DIM. - inches [mm] | | | | | | |
|------------------------------------|--------------|-------------|-------------|-------------|-------------|-------------|
| | | | | | | |
| CASE STYLE | A | B | C | D | E | F |
| MT3 | 45.00 [1143] | 26.00 [661] | 21.00 [534] | 25.00 [635] | 21.50 [546] | 19.00 [483] |

Product Code:



| Sizes | | | | Losses ⁽²⁾ | | Connections for 120/208V | | | | |
|----------------------|--------------------|--|------------|-------------------------------|------|--------------------------|--------------------------|-------------|--|----------|
| Neutral Current Amps | Phase Current Amps | Suggested Fuse or CB ⁽⁶⁾ (Not Included) | Case Style | Weight lb [kg] ⁽²⁾ | Iron | Copper (full load) | Mechanical Lugs Provided | | Suggested Conductor Sizes Copper (75°C) Raceway ⁽⁶⁾ | |
| | | | | | | | Phase | Neutral | Phase | Neutral |
| 60 | 20 | 20A | SU3 | 165 [75] | 115W | 100W | #6-#14 | 1/0-#14 | #10 | #3 |
| 75 | 25 | 30A | SU3 | 180 [82] | 130W | 120W | #2-#14 | 2/0-#6 | #8 | #2 |
| 100 | 33 | 40A | SU3 | 225 [102] | 135W | 150W | #2-#14 | 250MCM-#6 | #6 | 2/0 |
| 150 | 50 | 50A | SU3 | 250 [113] | 160W | 250W | #2-#14 | 250MCM-#6 | #4 | 4/0 |
| 175 | 58 | 60A | MT2 | 270 [122] | 180W | 350W | 2/0-#6 | 350MCM-#6 | #3 | 350MCM |
| 225 | 75 | 80A | MT2 | 350 [159] | 190W | 425W | 2/0-#6 | 2x250MCM-#6 | #2 | 2x2/0 |
| 250 | 83 | 90A | MT2 | 350 [159] | 190W | 525W | 2/0-#6 | 2x250MCM-#6 | #1 | 2x3/0 |
| 300 | 100 | 100A | MT2 | 375 [170] | 200W | 550W | 250MCM-#6 | 2x250MCM-#6 | 1/0 | 2x4/0 |
| 350 | 117 | 125A | MT2 | 400 [181] | 220W | 600W | 250MCM-#6 | 2x350MCM-#6 | 2/0 | 2x350MCM |
| 400 | 133 | 150A | MT3 | 480 [218] | 230W | 700W | 250MCM-#6 | 2x350MCM-#6 | 3/0 | 2x350MCM |
| 500 | 168 | 200A | MT3 | 520 [236] | 240W | 800W | 350MCM-#6 | 3x250MCM-#6 | 250MCM | 3x250MCM |
| 600 | 200 | 200A | MT3 | 560 [254] | 260W | 960W | 600MCM-#2 | 3x350MCM-#6 | 350MCM | 3x350MCM |

1. Neutral Current Ammeter measures and displays amount of neutral current removed from the system by the NCE™.
2. Estimated Values.
3. For additional information refer to: Typical Specifications, Technical Guide, Internal Layout and Connection Diagrams.
4. Specifications are subject to change without notice.
5. Consult factory if fuse monitoring is required.
6. End user is responsible for ensuring that the NCE installation and wiring satisfies all applicable electrical and safety code requirements.

