



Certificate of Compliance

Certificate: 1526264

Master Contract: 187963

Project: 70003996

Date Issued: June 13, 2014

Issued to: Mecc Alte S.p.A.
Via Roma, 20
I - 36051 Creazzo, (VI)
ITALY

The products listed below are eligible to bear the CSA Mark shown



Issued by: Nico Bos
Nico Bos

PRODUCTS

CLASS – 4211 01 – MOTORS AND GENERATORS

Self Regulating Electric Generators, 2 or 4 poles, indoor use, continuous duty, flange mounted, three phase, 400/480Vac max., 50/60Hz, insulation Class H; 40°C rated ambient:

Part A

Series ECO 28, 50Hz, 22 to 31.5kVA max or 60Hz, 26.5 to 38kVA max, 2 poles
Series ECP 28, 50Hz, 22 to 40kVA max or 60Hz, 26.5 to 48kVA max, 2 poles
Series ECO31, 50Hz, 44 to 82kVA max or 60Hz, 53 to 98,5kVA max, 2 poles
Series ECP32, 50Hz, 44 to 82kVA max or 60Hz, 53 to 98.5 kVA max, 2 pole
Series ECO28, 50Hz, 17 to 30kVA max or 60Hz, 20, 4 to 36kVA max, 4 poles
Series ECO40, 50Hz, 400 to 750 kVA max or 60Hz, 480 to 900 kVA max, 4 pole
Series ECO43, 50Hz, 800 to 1400 kVA max or 60Hz, 960 to 1700 kVA max, 4 pole

Part B

Series ECSO28, 50Hz, 22 to 31.5kVA max or 60Hz, 26.5 to 38kVA max, 2 poles
Series ECSP28, 50Hz, 22 to 40kVA max or 60Hz, 26.5 to 48kVA max, 2 poles
Series ECSO31, 50Hz, 44 to 82kVA max or 60Hz, 53 to 98,5 kVA max, 2 pole
Series ECSP32, 50Hz, 44 to 82 kVA max or 60Hz, 53 to 98.5 kVA max, 2 pole
Series ECSO28 50Hz, 17 to 30kVA max or 60Hz, 20, 4 to 36 kVA max, 4 pole
Series ECSP28 50Hz, 17 to 30kVA max or 60Hz, 20, 4 to 36 kVA max, 4 pole
Series ECSO32, 50Hz, 31 to 70kVA max or 60Hz, 37.2 to 84kVA max, 4 poles
Series ECSP32, 50Hz, 31 to 70 kVA max or 60Hz, 37.2 to 84 kVA max, 4 pole



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Part C

Series BTO 3, 50Hz, 16 to 20kVA max or 60Hz, 19.2 to 24kVA max, 2 poles, with brushes
Series BTP 3, 50Hz, 16 to 20kVA max or 60Hz, 19.2 to 24kVA max, 2 poles, with brushes
Series BTO 3, 50Hz, 7 to 15kVA max or 60Hz, 8.4 to 18kVA max, 4 poles, with brushes
Series BTP 3, 50Hz, 7 to 15kVA max or 60Hz, 8.4 to 18kVA max, 4 poles, with brushes

Part D

Series ECO 3, 50Hz, 8 to 19kVA max or 60Hz, 9.6 to 22.8kVA max, 2 poles, brushless.
Series ECP 3, 50Hz, 8 to 20kVA max or 60Hz, 9.6 to 24kVA max, 2 poles, brushless.
Series ECO 3 50Hz, 6.5 to 15kVA max or 60Hz, 7.8 to 18kVA max, 4 pole, brushless.
Series ECP 3 50Hz, 6.5 to 15kVA max or 60Hz, 7.8 to 18kVA max, 4 pole, brushless.

Part E

Self Regulating Electric Generators, 4 pole, indoor use continuous duty, flange mounted, three phase, 500/600Vac max., 50/60Hz, insulation Class H; 40°C rated ambient;
Series ECO32, 50Hz, 31 to 70kVA max or 60Hz, 37.2 to 84kVA max,
Series ECP34, 50Hz, 85 to 160kVA max or 60Hz, 102 to 192kVA max,
Series ECO38, 50Hz, 180 to 350kVA max or 60Hz, 220 to 420kVA max,

Part F

Open type self regulating Electric Generators, 2 or 4 pole, indoor use continuous duty, flange mounted, single and three phase, 400/480Vac max., 50/60Hz.

Series Westerberke, single phase, 50/60Hz, 22/26 kVA max; three phase, 50/60Hz, 97.5/117kVA.

Note: The Westerberke series are designed with an open area on the non drive side flange.
This open Area is to be totally covered by the mounting of other equipment on the generator flange in the final installation.

PART G

Self Regulating Electric Generators, 4 pole, indoor use continuous duty, flange mounted, three phase, 500/600Vac max., 50/60Hz, insulation Class H; 40°C rated ambient;
Series ECP28, 50Hz, 17 to 30 kVA max or 60Hz, 20.4 to 36 kVA max, 4 pole
Series ECP32, 50Hz, 35 to 80 kVA max or 60Hz, 42 to 96 kVA max, 4 pole

APPLICABLE REQUIREMENTS

The product, as described in this report, complies with:

C22.2 NO. 100-04 (R2013) - Motors and Generators



Supplement to Certificate of Compliance

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The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.

Product Certification History

Project	Date	Description
70003996	June 13, 2014	<p>Update to report 1526264 to cover: the variation of output power on generator models ECP 3-2L/2; ECP32-3S/4; ECP32-2L/4; ECP32-3L/4; ECP34-1L/4.</p> <p>The name variation of generators ECP 28-1L/2 to ECP28M/2 and ECP28-1L/4 to ECP28M/4 with same power but a smaller frame.</p> <p>The variation of series name ECO31 to ECP 32.</p> <p>The addition of models ECP28-2L/4; ECP32-4L/4; ECP34-3L/4; ECO40-VL/4 and ECO43-VL/4 ;</p> <p>The addition of series ECSP32 at 4 poles identical to series ECSO32 at 4 poles.</p> <p>The addition of missing terminals description for series ECO40 and series ECO38, and editorial changes..</p>
70000867	October 25, 2013	<p>Update to report 1526264 to cover: the addition in alternative of a digital regulators DER1 and DER1/A, Polyurethane Casting resins, and a new different shaped and dimensioned terminal box , the addition of series ECP32 that is identical to series ECO32, differs only for a different shaped and dimensioned terminal box, and editorial changes.</p>
2462940	December 30, 2011	<p>Update to report 1526264 to cover: the addition of , new series ECP, identical to series ECO, differs only for foots shape , and, only for stators length coded L and VL, for the use a new type of frame configuration with different ventilation openings ; addition of new models 2 poles generators ECP28-VL/2, ECSP28-VL/2 that extend the range up to 40kVA.</p>
2290924	March 24, 2010	<p>Update to report 1526264: Addition in alternative of digital regulator DSR and optional use Three- Phase interface sensing board IF321.</p>
2116488	July 06, 2009	<p>Update to report 1526264: change of power range ratings of series ECO31, ECO28, ECSO31, ECSO28 and ECO3</p> <p>Report re-issued</p>
1773739	March 22, 2006	<p>Update to report 1526264: change of designation of series ECO34N and ECO38 to ECP34 and ECO38N , due to a different rotor assembly configuration</p> <p>Report re-issued</p>

1526264 February 2, 2004

Original Certification CSA Generators 2 and 4 poles; ECO, ECSO,
BTO3N,BTO3,ECO3N, ECO3, WESTERBEKE and ECO32, ECO34N,
ECO38,

***this report supersedes previous report - 1109686**