



Certificate of Compliance

Certificate: 1012350

Master Contract: 164581

Project: 80115485

Date Issued: 2022-05-19

Issued To: Telemecanique/Schneider Electric Industries SAS
31 rue Pierre Mendes-France
Eybens, Isere, 38320
France

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.

Issued by: *Azad Hacika*
Azad Hacika



PRODUCTS

CLASS - C321105 - INDUSTRIAL CONTROL EQUIPMENT Motor Controllers - Manual
CLASS - C321125 - INDUSTRIAL CONTROL EQUIPMENT Motor Controllers-Manual
CLASS - C321165 - INDUSTRIAL CONTROL EQUIPMENT Motor Controllers-Manual-Cert to US Stds
CLASS - C321108 - INDUSTRIAL CONTROL EQUIPMENT Motor Controllers - Self-Protecting



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Part A (Class 3211 05, 3211 25)

Manual Motor Starters, Types GV2M., GV2ME., GV2P., GV2R., GV2RT., GV2RS., GV2RP., open or enclosed, suitable for field installation may be provided with clamp and screw terminal or spring force terminal connection, suitable for group fusing application (when protected by circuit breaker) short-circuit withstand level when protected by max. fuse size and type or C.B. marked on the device: - 50kA max - 480V ac, 30kA max, 600V ac with adjustable thermal and non-adjustable magnetic tripping, general purpose 600V, 3 ph, 25A max, across the line motor starting, 600V, 3 ph, 25 hp max, 32A.

Type GV2P22 is rated for short-circuit withstand level of 65kA (rms) at 480V ac.

Auxiliary contact blocks: Types GV2.AN., GV2-AE.

Fault signaling contact blocks: GV2-AD., GV2-AM.

Undervoltage release and short release coils types GV2 and GV followed by -AU. and GV2 and GV followed by -AS.

Junction blocks GV2 G05.

Combination block GV2-AF3, -AF4, -AF5

Terminal Block, Type GV1 G09.

Alternate Terminal Block with

Protective End Covers, Types GV1 10, GV1G10

Distribution busbar, 600V, 63A max, 3 poles, Cat. No. GV2-G245, -G345, -G445, -G254, -G354, -G454, -G554, -G272, -G472

DC Coil: model GVAS025 rated: 24Vdc, 60Hz. (1s "ON" maximum and 9s "OFF" minimum)

Enclosure for GV2..., manual motor starters, 600V, 3 ph, 32A max, 25 hp max, Model GV2MC01, GV2MP01 and GV2MP03, Type 1 general use indoor and Models GV2MC02, GV2MCO3, GV2MP02 and GV2MP04,

Type 4, Type 12 watertight, dust tight.

Manual motor controller, Models GV2 L and GV2 LE, open type, 3-pole, 3-phase, with non-adjustable thermal and magnetic trip, Cat. Nos. GV2L03 to GV2L22, and GV2LE03 to GV2LE22, for use with certified overload relay. Rating: 0.4 to 25 A, for motor load 20 hp max, 5KA at 600 Vac 15 hp max at 480 Vac, 7.5 hp at 240 Vac.

Notes:

1. Model GV2ME01 to GV2ME14 (or GV2P01 to GV2P14): Suitable for group installation when used in combination with Schneider Electric / Telemecanique contactor LC1-D09 to LC1-D12 and protected by fuses or circuit breaker 65 000 rms symmetrical amperes maximum at 480Vac when protected by 125A maximum, fuses or breaker, with or without: current limiting module model GV1-L3, busbar System: model GV2-Gx45 or GV2-Gx54, Terminal block GV1-G09, Junction block: GV2-G05.
2. Model GV2ME01 to GV2ME14 (or GV2P01 to GV2P14): Suitable for group installation when used in combination with Schneider Electric / Telemecanique contactor LC1-D09 to LC1-D12 and protected by fuses or circuit breaker 42 000 rms symmetrical amperes maximum at 600Vac when protected by 125A maximum, fuses or breaker, with or without: current limiting module model LA9LB920, busbar System: model GV2-Gx45 or GV2-Gx54, Terminal block GV1-G09, Junction block: GV2-G05.



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3. Model GV2ME01 to GV2ME32 (or GV2P01 to GV2P32): Suitable for group installation when used in combination with Schneider Electric / Telemecanique contactor LC1-D12 to LC1-D38 and current limiting module model GV1-L3 and protected by fuses or circuit breaker 65 000 rms symmetrical amperes maximum at 480Vac when protected by 125A maximum, fuses or breaker, with or without: busbar System: model GV2-Gx45 or GV2-Gx54, Terminal block GV1-G09, Junction block: GV2-G05.
4. Model GV2ME01 to GV2ME32 (or GV2P01 to GV2P32): Suitable for group installation when used in combination with Schneider Electric / Telemecanique contactor LC1-D32 to LC1-D38 and limiter model LA9LB920 and protected by fuses or circuit breaker 42 000 rms symmetrical amperes maximum at 600Vac when protected by 125A maximum, fuses or breaker, with or without: busbar System: model GV2-Gx45 or GV2-Gx54, Terminal block GV1-G09, Junction block: GV2-G05.
Model GV2ME32 (or GV2P32): Suitable for group installation when used in combination with Schneider Electric / Telemecanique contactor LC1-D25 and limiter model LA9LB920 and protected by fuses or circuit breaker 42 000 rms symmetrical amperes maximum at 600Vac when protected by 125A maximum, fuses or breaker, with or without: busbar System: model GV2-Gx45 or GV2-Gx54, Terminal block GV1-G09, Junction block: GV2-G05.
5. Model GV2RT03 to GV2RT14: Suitable for group installation when used in combination with Schneider Electric / Telemecanique contactor LC1-D09 to LC1-D12 and protected by fuses or circuit breaker 65 000 rms symmetrical amperes maximum at 480Vac when protected by 125A maximum, fuses or breaker, with or without: busbar System: model GV2-Gx45 or GV2-Gx54, Terminal block GV1-G09, Junction block: GV2-G05.
6. Model GV2RT03 to GV2RT14: Suitable for group installation when used in combination with Schneider Electric / Telemecanique contactor LC1-D09 to LC1-D12 and protected by fuses or circuit breaker 42 000 rms symmetrical amperes maximum at 600Vac when protected by 125A maximum, fuses or breaker, with or without: busbar System: model GV2-Gx45 or GV2-Gx54, Terminal block GV1-G09, Junction block: GV2-G05.
7. Model GV2RT03 to GV2RT21: Suitable for group installation when used in combination with Schneider Electric / Telemecanique contactor LC1-D25 to LC1-D38 and current limiting module model GV1-L3 and protected by fuses or circuit breaker 65 000 rms symmetrical amperes maximum at 480Vac when protected by 125A maximum, fuses or breaker, with or without: busbar System: model GV2-Gx45 or GV2-Gx54, Terminal block GV1-G09, Junction block: GV2-G05.
8. Model GV2RT03 to GV2RT21: Suitable for group installation when used in combination with Schneider Electric / Telemecanique contactor LC1-D32 to LC1-D38 and limiter model LA9LB920 and protected by fuses or circuit breaker 42 000 rms symmetrical amperes maximum at 600Vac when protected by 125A maximum, fuses or breaker, with or without: busbar System: model GV2-Gx45 or GV2-Gx54, Terminal block GV1-G09, Junction block: GV2-G05.
9. Models GV2 L and GV2 LE, open type, 3-pole, 3-phase, with non-adjustable thermal and magnetic trip, Cat. Nos. GV2L03 to GV2L22, and GV2LE03 to GV2LE22, for use with certified overload relay. These devices are certified as manual motor controller and are not suitable for use as branch circuit overcurrent protection.



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Part B (Class 3211 08)

Types GV2P01 to GV2P22, version Self-Protected Manual Combination motor Controllers, Type E, open type, 3-pole, Type GV2P, for use on 480Y/277 Vac and 600Y/347 V ac (for thermal trip range of 0.16-25A), 3-phase circuits, max ratings, 21A, 15 hp, 480V ac, and 22A, 20hp, 600 Vac with non-adjustable magnetic and adjustable thermal tripping elements, standard fault 10kA R.M.S. sym., 480Y/277V ac and 600Y/347 V ac. For high capacity rating, see note 1 below.

Note:

- The controllers Type GV2P01 through GV2P14 are suitable for direct use on circuits capable of delivering short circuit currents of 100kA R.M.S. sym. at 480Y/277 V ac, Type GV2P16 through Type GV2P22 are suitable for direct use on circuits capable of delivering short circuit currents of 10kA R.M.S. sym. at 480Y/277 V ac. The controllers Type GV2P01 through GV2P10 are suitable for direct use on circuits capable of delivering short circuit currents of 50kA R.M.S. sym. at 600Y/347 Vac, Type GV2P14 is suitable for direct use on circuits capable of delivering short circuit currents of 22kA R.M.S. sym. at 600Y/347 V ac.

Self-Protected Manual Combination Controllers, Type F, open type, 3-pole, Type GV2P in combination with LC1D contactors as shown in tables below, for use on 480Y/277 V ac and 600Y/347 V ac (for thermal trip range of 0.16-25A), 3-phase circuits, max ratings, 21A, 15 hp, 480 Vac, and 22A, 20hp, 600 Vac, with non-adjustable magnetic and adjustable thermal tripping elements, standard fault 10kA R.M.S. sym. For high capacity rating, see tables below.

Manual Motor Starter with Contactor	Type F Short Circuit Current Rating
GV2P01 w/ LC1D09, D12, D18, D25, D32, D38	100KA - 480Y / 277V
GV2P02 w/ LC1D09, D12, D18, D25, D32, D38	100KA - 480Y / 277V
GV2P03 w/ LC1D09, D12, D18, D25, D32, D38	100KA - 480Y / 277V
GV2P04 w/ LC1D09, D12, D18, D25, D32, D38	100KA - 480Y / 277V
GV2P05 w/ LC1D09, D12, D18, D25, D32, D38	100KA - 480Y / 277V
GV2P06 w/ LC1D09, D12, D18, D25, D32, D38	100KA - 480Y / 277V
GV2P07 w/ LC1D09, D12, D18, D25, D32, D38	100KA - 480Y / 277V
GV2P08 w/ LC1D09, D12, D18, D25, D32, D38	100KA - 480Y / 277V
GV2P10 w/ LC1D09, D12, D18, D25, D32, D38	100KA - 480Y / 277V
GV2P14 w/ LC1D09, D12, D18, D25, D32, D38	100KA - 480Y / 277V
GV2P16 w/ LC1D18, D25, D32, D38	50KA - 480Y / 277V
GV2P20 w/ LC1D18, D25, D32, D38	50KA - 480Y / 277V
GV2P21 w/ LC1D25, D32, D38	50KA - 480Y / 277V
GV2P22 w/ LC1D25, D32, D38	50KA - 480Y / 277V
GV2P01 w/ LC1D09, D12, D18, D25, D32, D38	50KA - 600Y / 347V
GV2P02 w/ LC1D09, D12, D18, D25, D32, D38	50KA - 600Y / 347V
GV2P03 w/ LC1D09, D12, D18, D25, D32, D38	50KA - 600Y / 347V
GV2P04 w/ LC1D09, D12, D18, D25, D32, D38	50KA - 600Y / 347V
GV2P05 w/ LC1D09, D12, D18, D25, D32, D38	50KA - 600Y / 347V
GV2P06 w/ LC1D09, D12, D18, D25, D32, D38	50KA - 600Y / 347V



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Manual Motor Starter with Contactor	Type F Short Circuit Current Rating
GV2P07 w/ LC1D09, D12, D18, D25, D32, D38	50KA - 600Y / 347V
GV2P08 w/ LC1D09, D12, D18, D25, D32, D38	50KA - 600Y / 347V
GV2P10 w/ LC1D09, D12, D18, D25, D32, D38	50KA - 600Y / 347V
GV2P14 w/ LC1D09, D12, D18, D25, D32, D38	50KA - 600Y / 347V

Part C (Class3211 05, 3211 25, 3211 65)

Current limiting module: LA9LB920, 55 A continuous current, rated: 42kA maximum short-circuit, 600Vac.
Current limiting module: GV1-L3, 55 A continuous current, rated: 65kA maximum short-circuit, 480Vac.

APPLICABLE REQUIREMENTS

- CSA C22.2 No. 14-13 (March 2013) - Industrial Control Equipment
- CAN/CSA C22.2 No. 60947-1-13 (July 31, 2013) - Low-voltage switchgear and controlgear - Part 1: General rules
- CAN/CSA C22.2 No. 60947-4-1-14 (April 4, 2014) - Low-voltage switchgear and controlgear - Part 4-1: Contactors and motor-starters - Electromechanical contactors and motor-starters
- UL 60947-1 (5th Ed., July 31, 2013) - Low-voltage switchgear and controlgear - Part 1: General rules
- UL 60947-4-1 (3rd Ed., April 4, 2014) - Low-voltage switchgear and controlgear - Part 4-1: Contactors and motor-starters - Electromechanical contactors and motor-starters

Notes:

Products certified under Class C321105, C321108, C321125 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC).
www.scc.ca





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
80115485	2022-05-19 2022-05-19	Update to Report 1012350 (GV2) to add the alternate material Reny 1521, to delete the Standard UL508 / Class No. 3211-85, and to correct the description.
80074520	2021-10-15	Update to Report 1012350 for addition of GV2L/LE based-on CSA report 164581-1366041 to Part A of Report 1012350 (Class 321105, 3211-25). Addition of alternate plastic material for the rotary button, sealing plate of the GV2P. Addition of the alternate plastic material for the housing and lock of the auxiliary contact block.
80066873	2021-02-04	Update to Report 1012350 for Enclosed Manual Motor Starters Types GV2M..., evaluation/testing of “Perimeter gasket, EPDM cellular, 2.4 mm diameter” for enclosure Type 4 or 12 to CSA C22.2 No. 94.2-15 with unsatisfactory results; these certified products maintained to CSA C22.2 No. 14-13 and CSA C2.2 No. 94-M91.
80038391	2020-11-30	Update to Report 1012350 for addition of alternate material for nameplate adhesive label.
80000072	2019-08-14	Update to Report 1012350 for addition of alternate plastic material on sole of GV2M. (Fig. 2a) (Ultramid B3UG4 from Basf, per FIR), and addition of the AF5 reference to GV2 model.
70180146	2018-06-28	Update to Report 1012350 for addition of alternate combination of the manual motor starter GV2P with contactor LC1D.
70176258	2018-04-17	Update to Report 1012350 to add alternate plastic material on contact support.
70106752	2016-12-20	Update to Report 1012350 for addition of new designation for type GV2-RT20...
70058769	2016-07-20	Update to Report 1012350 to add 24Vdc rating for DC Coil model GVAS025.



70076863	2016-05-26	Update to Report 1012350 for addition of alternate plastic material on base and cover for GV1-G09. Also, add CSAus for LA9LB920, to UL508 (17th Edition), CSA C22.2 No. 60947-4-1 / UL60947-4-1.
70019823	2015-11-11	Update to Report 1012350 to add the description for Limiter model LA9LB920.
70008669	2014-09-26	Update to Report 1012350 for addition of alternate plastic material on base and cover with window on GV2-M and GV2-P; to CSA C22.2 No. 60947-4-1.
70005600	2014-06-09	Update to Report 1012350 for the increase of ratings for Type E Comb. Controllers GV3P, and addition of a new Type F Comb. Controllers GV3P Series.
2508636	2012-03-23	Update to Report 1012350 to add alternate plastics material on GV2P sealing plate.
2483148	2011-12-15	Update to Report 1012350 to add alternate plastic material on GV2-M (P) lever.
2405501	2011-03-16	Update to Report 1012350 to add alternate plastic material on GV2-M and GV2-P base.
2350475	2011-01-03	Update to Report 1012350 for addition of alternate plastic material for Sole, Contact Base and Rotary Button. Modification of the Auxiliary Contact Spring description.
2293451	2010-05-18	Update to Report 1012350 covers change base dimension and terminal manufacturer on GV1-G09. Addition of alternate plastic material on GV2-P.
2214298	2009-09-15	Update to Report 1012350 for addition of alternate plastic for the starter base.
2152063	2009-05-29	Update to Report 1012350 to increase short-circuit current for group installation.
2022691	2008-06-09	Update to Report 1012350 to add alternate plastic material.
1697299	2005-07-29	Update to Report 1012350 to add alternative material.
1574691	2004-08-27	Update to Report 1012350 to add modifications (GV2).
1366065	2003-01-13	Update to Report 1012350 for addition of enclosure models: GV2-MP0... and plastic cover GV1G10.
1319588	2002-05-07	Update to Report 1012350 to add distribution busbar, Cat. No. GV2-G345 and addition of factory location F19 - Schneider Electric, Ind. SA, rue Edouard Isambard, Pacy sur Eure, France (id 164590) to Class 3211 03



1197036	2001-09-04	Update to Report 1012350 for addition of enclosure GV2MC01, GV2MC02, GV2MC03.
1155276	2000-12-18	Update to Report 1012350 for addition of Type GV2-P32; Group Installation when used with new D line of contactor (KIWI); Increase of max. short circuit current withstand GV2-P22, 65kA-480V ac.
1115855	2000-09-22	Update to Report 1012350 for addition of reference GV2-ME, combination block GV2-AF.
1012350	1999-10-12	Report Conversion - Supersedes Report LR 65928-44 and update for addition of spring force terminal version to the certified GV2-M, -P and -R family.