

# Certification Record

CUSTOMER	CLASS	FILE NUMBER
Telemecanique/Schneider Electric Industries SAS 31 rue Pierre Mendes-France, Eybens France 38320	<a href="#">3211-25</a> INDUSTRIAL CONTROL EQUIPMENT-Motor Controllers-Manual	081630_0_000

- Manual motor starters, Types GV3 and GV3-ME followed by suffix, general purpose 600V, 3 ph, 72A max, across the line motor starting, 600V, 3 ph, 60 hp max., open or enclosed Type 5 enclosure, Model GV3-C, with adjustable thermal and non-adjustable magnetic tripping, to be used with fuses and suitable for group fusing and group installation (circuit breaker back-up protection), may be provided with undervoltage coil GV3-B, 240V max, 50/60Hz, shunt trip coil GV3-D, 480V max, 50/60Hz, auxiliary contacts GV1-A, rated B600, fault signalling contact GV3-A rated B600.
- Class 9421, manual motor controllers, open type, Types V, VVD and VVE.
- Manual Motor Starters, Types GV2-M., GV2-ME., GV2-P., GV2-R., GV2-RT., GV2-RS., GV2-RP., 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 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 GV2-P22 is rated for short-circuit withstand level of 65kA R.M.S. at 480V ac.

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

Fault signalling 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

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)

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.

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, GV2-MCO3, GV2MP02 and GV2MP04, Type 4, Type 12 watertight, dust tight.

Notes:

1. Model GV2-ME01 to GV2-ME14 (or GV2-P01 to GV2-P14): 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 GV2-ME01 to GV2-ME14 (or GV2-P01 to GV2-P14): 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.
3. Model GV2-ME01 to GV2-ME32 (or GV2-P01 to GV2-P32): 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 GV2-ME01 to GV2-ME32 (or GV2-P01 to GV2-P32): 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.
5. Model GV2-ME32 (or GV2-P32): 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.
6. Model GV2-RT03 to GV2-RT14 : 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.
7. Model GV2-RT03 to GV2-RT14: 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.
8. Model GV2-RT03 to GV2-RT21: 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.

9. Model GV2-RT03 to GV2-RT21: 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.
- "Quickfit" modular system components for use with certified Submittor's spring clamp connection D series motor starters, LC.D contactor + LR.D. overload relays, with certified spring clamp connection GV2 series manual motor controllers.

"Quickfit" system consists of the following:

- a) Upstream terminal block: Cat. No. LAD-3B, 600V max, 50A max.
- b) Downstream terminal block: cat. No. LAD-33, 600V, 20A max.
- c) Power connection module: Cat. No. LAD-34 and LAD-341.
- d) Power splitter boxes: Cat. No. LAD-32 followed by 2 or 4 (number of allowed starters). 600V, 50A max.
- e) Communication blocks: Cat. No. APP-1C...
- f) Control splitter boxes: Cat. No. APP-2R followed by 2 or 4 followed by C or H3 or H4.
- g) Power and control splitter boxes: Cat. No. APP-2R followed by 2 or 4 followed by E or H1 or H2.
- h) Control connection modules: cat. No. APP-2D followed by 1 or 2 followed or not by D.

Control components, item f), g) and h): input/output 24V dc; control 240V ac, 125V dc maximum

Modules are rated for short-circuit withstand level of 22kA R.M.S. symmetrical at 600V ac, Group Fusing and Group Installation.

AS-i "Quickfit" System consisting of the following:

- i) AS-I Quickfit modules: Cat. No. ASI followed by C or E, followed by R, followed by 2 or 4, may be followed by E.
- Manual Motor Controller, Model GV2 L and GV2 LE, open type, 3 pole-3 ph, with non-adjustable thermal and magnetic trip, Cat. Nos. GV2LE03 to GV2LE22, GV2L03 to GV2L22 for use in conjunction with certified overload relay.

Current (A)	Voltage (V ac)	Motor Load
0.4 to 25A	600V max	20 hp max at 600V ac, 15hp at 480Vac, 7.5 hp max at 240V ac

Note: These devices are certified as manual motor controller and are not suitable for use as branch circuit overcurrent protection.