

Certification Record

CUSTOMER	CLASS	FILE
Telemecanique/Schneider Electric Industries SAS 33 avenue de Chatou Rueil Malmaison Cedex 92506 France	<u>3211-05</u> INDUSTRIAL CONTROL EQUIPMENT-Motor Controllers - Manual	081630_0_000
Refer to Class Description for program details		

- Manual motor starters, Type GV3-M and GV3-ME followed by suffix, open or enclosed in 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.
- Motor Starters, Type GV2, open type, Models GV2-M.., GV2-ME.. GV2-P.. GV2-R.., GV2-RT.., GV2-RS.. and GV2-RP.. with adjustable thermal and non-adjustable magnetic tripping, general purpose, 600V and less, 3 ph, 25A max, across the line setting ranges. These units are suitable for group fusing and group installation (circuit breaker back-up protection) and Model GV2-M may be provided with a Type GV1-L3 short-circuit current limiter rated 600V ac max, 24.5A max.
- Auxiliary contact block for use with GV2 motor starter Models GV2 and GV provided with clamp and screw or spring force terminal, -AN.., -AE.., fault signalling contact block GV2 and GV-AD.., -AM.., under voltage release and shunt release coil type GV2- and GV followed by AU.., -AS.., junction block GV2 GO5. Terminal Block GV1 G09. Busbar system GV2-G..., 600V max, 63A max: GV2-G245/G345/G254/G272/G354/G445/G454/G472/G554.
- Combination block GV2-AF3, -AF4.
- Enclosed manual motor starters, Models GV2-MC02, GV2-MCO3, Type 4, 12, GV2MC01, Type 1 General Use, 600V ac max, 3 ph, 25A max, 20hp max. Consists of Certified GV2-... motor starter enclosed in polymeric enclosures, models: GV2 MP01, 02, 03, 04; Types 1, 4 and 12.
- Class 9421, manual motor controllers, open type, 3-pole, Type V, followed by 0, 1, 2, 3, 4, 5 or 6 and Type VVD and VVE, followed by 0, 01, 02, 1, 2, 3 or 4. Maximum ampere and hp ratings are as follows: Type V, VVD, VVE followed by:

Maximum Horsepower
3-phase, 3-pole

Type	120V	200V	208V	240V	480V	600V	Amperes
01	1.5	3	3	3	7.5	7.5	16
02	1	2	2	2	5	5	10
0, 1	2	5	5	5	10	10	20
2	3	5	7.5	7.5	15	20	25
3	7.5	15	15	15	30	40	45
4	10	15	15	20	40	50	63
5	15	20	20	25	50	60	100
6	15	25	25	30	60	75	115

Maximum Horsepower
1-phase, 2-pole

Type	120V	200V	208V	240V	480V	600V
01	0.5	1.5	1.5	1.5	3	3

02	0.33	1	1	1	2	2
0, 1	0.75	2	2	2	5	5
2	2	3	3	3	7.5	7.5

Notes:

1. Open type devices are Certified as components for use only in other equipment where the suitability of the combination is to be determined by the Canadian Standards Association.
2. Devices may be provided with Class 9421, Type VZ main contact, auxiliary contact, neutral contact and protective conductor modules.
 - Manual Motor Controller, Mini-Vario, Cat. No. V, followed by a letter, followed by a letter or two number, may be followed by numbers, 5000A R. M. S. symmetrical withstand, across the line motor controller Cat. No. VN12 rated 10A enclosed 12A open, 600V and less, 3 ph, 5 hp max, Cat. No. VN20 rated 16A enclosed, 20A open, 600V and less, 3 ph, 7.5 hp max.
 - Cat. Nos. VZN05 and VZN06 auxiliary contact rated B600 pilot duty.
 - Quickfit modular system components for use with certified Submitter'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.
 - 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 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 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	480V max	15 hp max at 480V ac, 10 hp at 240V ac

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

- Motor controllers installation kit APP-1 "Tego Power", open type, suitable for group installation (when protected by 300A NTD fuses or Square D circuit breaker LAL 36300); 22kA max at 600V ac, 22kA max at 480V max; rated 600V max, 32A max (one backplane), 63A max (association of two backplanes), 18A max (motor current line).

Note: Certified as component where the suitability of the installation is subject to investigation.