

EverLink®: a strong, long lasting power connection

EverLink®, the new patented terminal technology, assures a **long lasting tightening quality** of the wire conductors. Even in the event of conductor migration*, the connection force on the wire is assured due to the spring effect of the power connectors.

- The advantages of the EverLink® connection are:
- Reduced maintenance time, due to constant pressure being applied to the wire.
 - Secure connections, provided by the screw and the 4 mm Allen key which enables a high tightening torque (11 pounds per inch)
 - Fingersafe construction provides IP20 protection against accidental contact.

**Migration: deformation of the copper conductors over time leading to loss of tightness*



A Schneider Electric patented technology

Possible to connect two wires of different sizes.



Maintaining of a tight wire connection is assured by pressure of spring and crimping of conductor on the contact plate.



The spring compensates for wire strand migration. A secure connection is assured.



Schneider Electric

Our products provide quality solutions, meeting all your Automation and Control applications requirements.



A worldwide presence

- More than 5,000 points of sale in 130 countries.
- A range of products that meet the standards of the country in which they will be used.

Canadian support

- 200 dedicated sales engineers operate from 22 regional sales centres and from 13 technical service centres across Canada.
- Our sales engineers are skilled at assessing individual requirements. Combined with the expert support of our product specialists, they will develop the most effective and economical solution for you, taking relevant regulations and standards into account.

Customer Service:

1(800) 565-6699

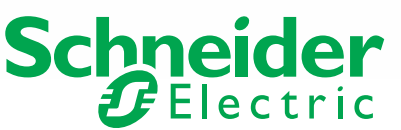
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S8500BR0901EP-R0

TeSys GV2-GV3 Manual Starters and Protectors

Get connected. Stay connected.



GV3 P the new manual starter and protector

Renowned for extensive experience in the development of motor starter solutions, Schneider Electric introduces a new line of 9 A to 65 A manual starters.



Ingenuity and simplicity are the key words of this new range: thanks to its new EverLink® power terminals, the new range of GV3 P assures improved reliability of connections over time. EverLink® is designed to maintain a constant tightening force on the wire and assures a **strong, safe and long lasting connection in the most demanding environments...**



This product is manufactured in conformity with the requirements of the RoHS (Restriction of Hazardous Substances) European Directive.

An enhanced and high performance offer

- Control and protection of motors from 9 A to 65 A.
- UL 508 Type E and IEC 947 certification (GV3 P).
- Optional ring terminal connectors.

Flexible and versatile design

- Flexibility using add-on blocks and front add-on blocks that are common throughout the 0 to 65 A GV2-GV3 range.
- More compact, only 55 mm wide.
- Simple and secure terminal tightening using a 4 mm or 5/32 inch Allen key.
- Easier installation on DIN rail thanks to a metal locking mechanism.
- Clean wiring and space saving thanks to wire channel for control cable connection.



Increased security and protection

- High breaking capacity:
65 kA @ 480/277 wye VAC +
25 kA @ 600/347 wye VAC.
- 3-position, padlockable, rotary knob.
- Trip test button on front face.
- Lockable thermal adjustment settings.

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TeSys GV2

Push button control (GV2 ME), rotary knob control (GV2 P)

Maximum horsepower ratings (10)	115 V		230 V		460 V		575 V		115 V		230 V		460 V		575 V		115 V		230 V		460 V		575 V		115 V		230 V		460 V		575 V		
	hp	kaic	hp	kaic	hp	kaic	hp	kaic	hp	kaic	hp	kaic	hp	kaic	hp	kaic	hp	kaic	hp	kaic	hp	kaic	hp	kaic	hp	kaic	hp	kaic	hp	kaic	hp	kaic	
Maximum horsepower ratings (30)	30-50	30-50	30-50	30-50	30-50	30-50	30-50	30-50	30-50	30-50	30-50	30-50	30-50	30-50	30-50	30-50	30-50	30-50	30-50	30-50	30-50	30-50	30-50	30-50	30-50	30-50	30-50	30-50	30-50	30-50	30-50	30-50	30-50
	30-50	30-50	30-50	30-50	30-50	30-50	30-50	30-50	30-50	30-50	30-50	30-50	30-50	30-50	30-50	30-50	30-50	30-50	30-50	30-50	30-50	30-50	30-50	30-50	30-50	30-50	30-50	30-50	30-50	30-50	30-50	30-50	30-50
Setting range of thermal trips (A)	0.11-0.16		0.16-0.25		0.25-0.40		0.40-0.63		0.63-1		1-1.6		1.6-2.5		2.5-4		4-6.3		6-10		9-14		13-18		17-23		20-25		24-32				
Group motor applications (Max. Fuse or circuit breaker)	125 A		125 A		125 A		125 A		125 A		125 A		125 A		125 A		125 A		125 A		125 A		125 A		125 A		125 A		125 A		125 A		
Manual starter and protector with screw terminals	GV2ME01*	GV2 P01	GV2ME02*	GV2 P02	GV2ME03*	GV2 P03	GV2ME04*	GV2 P04	GV2ME05*	GV2 P05	GV2ME06*	GV2 P06	GV2ME07*	GV2 P07	GV2ME08*	GV2 P08	GV2ME10*	GV2 P10	GV2ME14*	GV2 P14	GV2ME16*	GV2 P16	GV2ME20*	GV2 P20	GV2ME21*	GV2 P21	GV2ME22*	GV2 P22	GV2ME32	-			
Manual starter and protector with spring terminals																																	
Manual starter and protector with ring terminals																																	

* For spring terminals add 3 to the catalog number, for example, GV2ME013. GV2ME32 is not available with spring terminals.



TeSys GV3

Rotary knob control

Maximum horsepower ratings (10)	115 V		230 V		460 V		575 V		115 V		230 V		460 V		575 V		115 V		230 V		460 V		575 V										
	hp	kaic	hp	kaic	hp	kaic	hp	kaic	hp	kaic	hp	kaic	hp	kaic	hp	kaic	hp	kaic	hp	kaic	hp	kaic	hp	kaic									
Maximum horsepower ratings (30)	1	65	2	65	3	65	7.5	65	10	65	15	65	20	65	30	65	3	65	5	65	7.5	65	10	65	15	65	20	65	30	65			
	1	65	2	65	3	65	7.5	65	10	65	15	65	20	65	30	65	3	65	5	65	7.5	65	10	65	15	65	20	65	30	65			
Setting range of thermal trips (A)	9-13		12-18		17-25		23-32		30-40		37-50		48-65																				
Group motor applications (Max. Fuse or circuit breaker per NEC 430)																																	
Manual starter and protector with screw terminals																																	
Manual starter and protector with spring terminals																																	
Manual starter and protector with ring terminals																																	

GV3ME to GV3P cross reference table

GV3ME	Ratings	GV3P	Ratings
GV3ME06	1...1.6 A	GV2P06	1...1.6 A
GV3ME07	1.6...2.5 A	GV2P	1.6...2.5 A
GV3ME08	2.5...4 A	GV2P	2.5...4 A
GV3ME10	4...6 A	GV2P	4...6 A
GV3ME14	6...10 A	GV2P	6...10 A
GV3ME20	10...16 A	GV3P	10...16 A
GV3ME25	10...16 A	GV3P	10...16 A
GV3ME25	16...25 A	GV3P	16...25 A
GV3ME40	25...40 A	GV3P	25...40 A
GV3ME40	25...40 A	GV3P	25...40 A
GV3ME63	40...63 A	GV3P	40...63 A
GV3ME63	40...63 A	GV3P	40...63 A

TeSys GV3 add-on blocks and accessories

CONTACT BLOCKS		
Fault contact + instantaneous auxiliary contact	N/O (fault) + N/C	N/O (fault) + N/O
Mounting position	Front	GVAED011 (1)
(1) For spring terminal version add 3 to the end of the reference, example: GVAED011 becomes GVAED0113		
SET OF 3-POLE 115 A BUSBARS		
Number of combined manual starters and protectors	3	
Bus bar spacing	64 mm centers	
TERMINAL BLOCKS		
Type of terminals	Line side insulator for UL 508 E applications	IP20 cover for lug type terminals
GV3 P	GV3G66	LAD96570

Add-on blocks common to TeSys GV2-GV3

CONTACT BLOCKS			
Instantaneous auxiliary contacts	N/O or N/C	N/O + N/C	N/O + N/O
Mounting position	Left-hand side	-	-
	Front	GVAE1	GVAE20(1)
(1) For spring terminal version add 3 to the end of the reference, example: GVAE1 becomes GVAE113			
Fault contact + instantaneous auxiliary contact	N/O (fault) + N/C	N/O (fault) + N/O	N/C (fault) + N/C
Mounting position	Left-hand side	GVAD1001	GVAD0101
Short-circuit signalling contact	C/O with form C contact		
Mounting position	Left-hand side	GVAM11	
ELECTRIC TRIPS			
Type of trip	Undervoltage trip	Shunt trip	
Mounting position	Right-hand side	Voltage	50 Hz
		24 V	60 Hz
		48 V	50 Hz
		100 V	60 Hz
		110...115 V	50 Hz
		120...127 V	60 Hz
		127 V	50 Hz
		200 V	60 Hz
		200...220 V	50 Hz
		220...240 V	60 Hz
		380...400 V	50 Hz
		415...440 V	60 Hz
		415 V	50 Hz
PADLOCKING DEVICE			
For up to 4 padlocks			
GV2ME/P - GV3 P	(not included) Ø 6 mm shank max.		
	GV2V03		

TeSys GV7

Toggle operator

Maximum horsepower ratings (10)	115 V		230 V		460 V		575 V		115 V		230 V		460 V		575 V	
	hp	kaic	hp	kaic	hp	kaic	hp	kaic	hp	kaic	hp	kaic	hp	kaic	hp	kaic
Maximum horsepower ratings (30)	25-35	65	25-35	65	25-35	65	25-35	65	25-35	65	25-35	65	25-35	65	25-35	65
	25-35	65	25-35	65	25-35	65	25-35	65	25-35	65	25-35	65	25-35	65	25-35	65
Setting range of thermal trips (A)	12-20		15-25		25-40		30-50									
Manual starter and protector with screw terminals	GV7RE20	GV7RS20	GV7RE25	GV7RS25	GV7RE40	GV7RS40	GV7RE50	GV7RS50								

Te Sys GV2 add-on blocks and accessories

COMBINATION BLOCKS			
For mounting on contactors	LC1K or LP1K	LC1D09...D38	LAD31 AND LC1D09...D38
	GV2AF01	GV2AF3	GV2AF4
SET OF 3-POLE 63 A BUSBARS			
Number of combined circuit-breakers	2	3	4
Bus bar spacing (1)	45 mm centers	54 mm	72 mm
	GV2G245	GV2G345	GV2G445
	GV2G254	GV2G354	GV2G454
	GV2G272	-	GV2G472
(1) Protective end cover for unused busbar outlets, reference: GV1G10			
TERMINAL BLOCKS			
For supply to one or more busbar sets	Connection from the top		For current limiter GV1L3
	GV2G09		GV2G05
PADLOCKABLE EXTERNAL OPERATOR			
Colour of operator	Black handle/blue legend plate	Red handle/yellow legend plate	
GV2 P	Padlocking	In "ON" and "OFF" position	GV2AP01
		In "OFF" position	-
			GV2AP02

GV2

