



SIMOVERT MASTERDRIVES Vector Control

Compact PLUS, Compact and Chassis Units

Compact PLUS units
Compact and chassis units

Other options

Options with code and description

Supplementary order code	Description of option	● Option possible – Not available												
		Converter			Inverter			Rectifier unit			AFE	Rectifier/ regenerative unit		
		A – D P	E – G	K	A – D P	E – G	J, K, L, M, Q	B, C P	E	H, K		C	E	H, K

Documentation

Option code	Description	A – D P	E – G	K	A – D P	E – G	J, K, L, M, Q	B, C P	E	H, K	AFE	C	E	H, K
D77	Documentation in French/English	●	●	●	●	●	●	●	●	●	–	●	●	●
D78	Documentation in Spanish/English	●	●	●	●	●	●	●	●	●	–	●	●	●
D72	Documentation in Italian/English	●	●	●	●	●	●	●	●	●	–	●	●	●
D90	Documentation in Japanese/English	●	●	●	●	●	●	●	●	●	–	●	●	●
D99 ²⁾	Supplied without operating instructions and without DriveMonitor	●	●	●	●	●	●	●	●	●	–	●	●	●

L03

Basic-interference suppression together with radio-interference suppression filters and TT and TN systems

With the L03 option, unit sizes J to Q are fitted with discharge capacitors in the DC link. The option can be retrofitted by Siemens qualified personnel.

L20

Operation with an IT system

With the L20 option, operation with non-earthed systems (IT systems), the basic-interference capacitors built in as standard are no longer necessary. The control electronics are always earthed.

L30

Inverter fuses installed, fuse type for DIN/IEC approval and

Option L30 can only be ordered for inverter sizes E to G. Inverter fuses are for protecting inverters connected to a DC bus. Inverter fuses must always be provided when at least 2 inverters are operated on this bus. The inverters do not have to be protected when a single inverter of a rectifier unit or a rectifier/regenerative unit is supplied with a matched power rating. The same conditions apply as with a converter. For option L30 the inverter fuses indicated are integrated in the inverter. The option can be retrofitted by Siemens qualified personnel.

L33

Compact inverters without fuses

For a description, see L30. With the L33 option, which can be used for compact inverters sizes A to D, the inverter fuses are not built into the inverter and are not supplied with the drive unit. The inverter fuses must be ordered separately and mounted externally.

K80

Safe Stop

The function "Safe Stop" is a "device for the prevention of an unexpected start-up" to EN 60 204-1, section 5.4. It is realized in connection with an external circuit.

- The function "Safe Stop" can be retrofitted by Siemens service personnel for chassis units size E and upwards.

K91

DC link current measurement

The DC link current is measured indirectly using line-side current transformers. Available for rectifier units B, C and E.

M08

Coated boards

Coating of the boards protects sensitive components, especially SMD components, against attack by harmful gases, chemically active dust and humidity. The M08 option thus increases the robustness of the boards in an aggressive environment. The coating does not serve as protection in a tropical climate. In the case of condensation or conductive contamination on the board, a voltage flashover in the power section is not prevented.

M20¹⁾

IP20 panels

With the M20 option, unit sizes E to G are provided with an IP20 panel (wall mounting possible). Control is via a PMU built into the front panel. The option can be retrofitted by Siemens qualified personnel.

M65

Separate DC connection for dv/dt filter

With the help of the M65 option, available for unit sizes J, K, M and Q, the dv/dt filters can be connected (on the motor side) to a DC-link-voltage terminal lug (with size L; already integrated as standard).

D77

Documentation in French/English

Operating instructions are supplied in French/English.

D78

Documentation in Spanish/English

Operating instructions are supplied in Spanish/English.

D72

Documentation in Italian/English

Operating instructions are supplied in Italian/English.

D90

Documentation in Japanese/English

Operating instructions are supplied in Japanese/English additionally.

D99²⁾

Supplied without operating instructions and without DriveMonitor

If this option is chosen, no operating instructions or software tools (no CD-ROM) are supplied.

1) The panels can also be supplied separately.

2) In accordance with the EU guidelines, the orderer of this option must ensure that the documentation is made available to the end user in the context of the machine and equipment documentation.