

SIEMENS

Ingenuity for life



Motor starter SIMATIC ET 200SP

Versatile. Powerful. Space-saving.

SIRIUS
Hybrid










[siemens.com/et200SP-motorstarter](https://www.siemens.com/et200SP-motorstarter)

Optimum protection for your motors and loads

The SIMATIC ET 200SP motor starter with its safety and standard function completes the distributed I/O system. It features impressive outputs of up to 5.5 kW and a compact width of just 30 mm. Not only do you save space in the control cabinet, you also benefit from the starter's versatility when monitoring your plant.



Good reasons for choosing the ET 200SP motor starter:

-  Wide performance range for motors up to 5.5 kW
-  Increased plant monitoring thanks to current value transmission and more comprehensive diagnostic reports
-  High degree of flexibility for safety applications thanks to shutdown via SIMATIC F-CPU or SIRIUS 3SK safety relay
-  Economic flexibility due to low variance
-  Lower plant costs thanks to quick installation and wiring
-  Easy module interchangeability means increased plant availability
-  More space in the control cabinet thanks to a module width of just 30 mm
-  Faster configuration in the TIA Portal
-  Rapid maintenance thanks to automatic parameter uploading

The combination of compact design and hybrid technology makes the motor starter especially powerful – with four setting ranges up to 5.5 kW. Selected module variants, which still cover 80% of all motor applications, mean that you remain economically flexible. When starting single-phase and three-phase motors, the motor starters provide reliable overload and short-circuit protection. In addition, you benefit from the transmission of current values which can be used for energy management functions.

Motor starters up to 5.5 kW. Only 30 mm wide.
Also suitable for safety-oriented applications.

Simple installation ▶
Thanks to push-in technology.

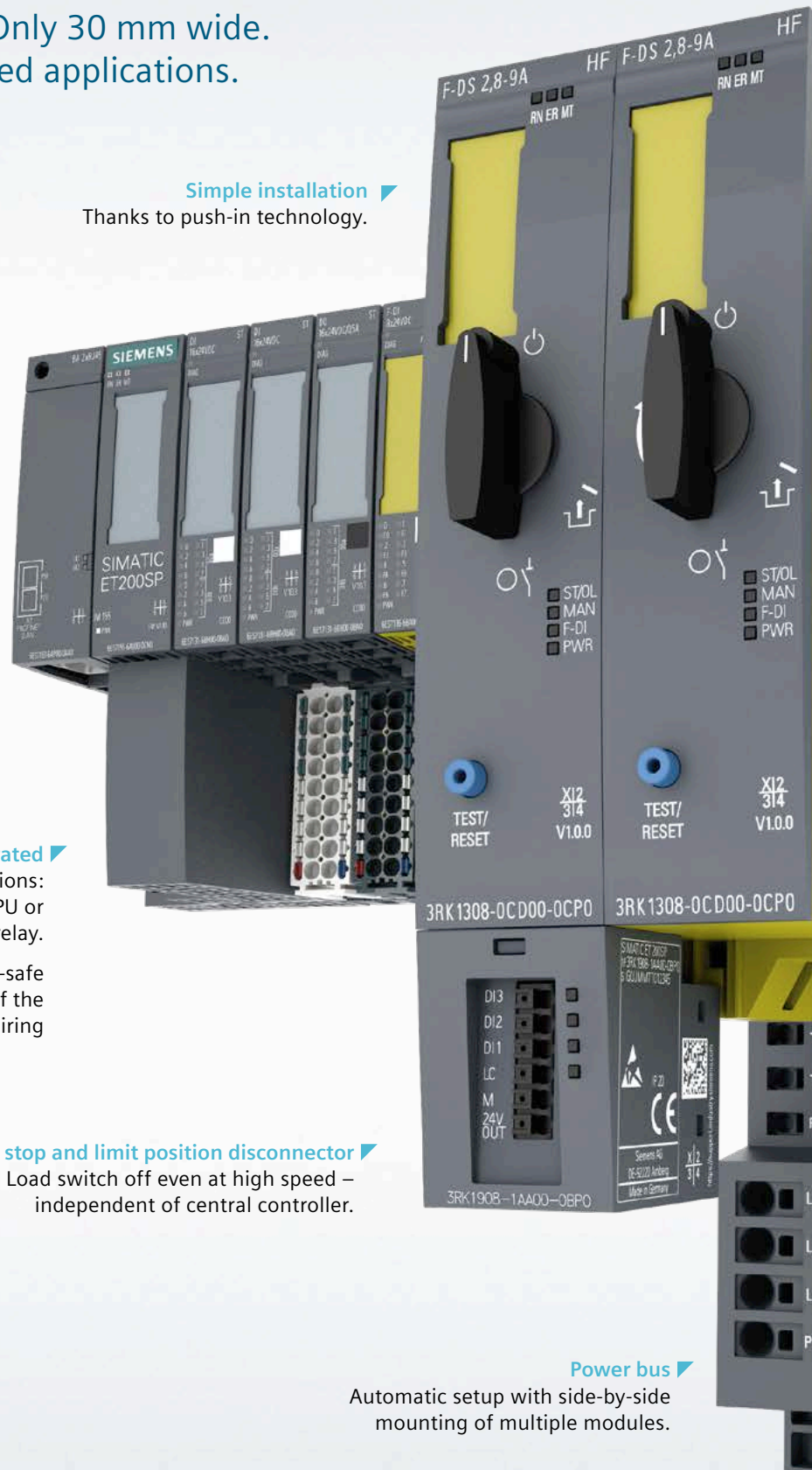
Hybrid switching technology ▶
Durable and energy-saving, since
relay contacts are
not subject to loading.


Safety Integrated ▶
Versatile safety solutions:
shutdown via SIMATIC F-CPU or
SIRIUS 3SK safety relay.

Group shutdown of fail-safe
motor starters via F-DI-rail of the
BaseUnits eliminates complex wiring

Quick stop and limit position disconnecter ▶
Load switch off even at high speed –
independent of central controller.

Power bus ▶
Automatic setup with side-by-side
mounting of multiple modules.





▼ **Wide range of performance**
For motors up to 5.5 kW.

▼ **Increased plant monitoring**
Thanks to current value transmission
and diagnostic reports

▼ **Rapid installation**
Hook in, slide into place
and engage.

▼ **Option handling**
Enhanced flexibility and optimized
savings due to one-off configuration
of complex automation projects.

▼ **Space requirements reduced by up to 50%**
Just 30 mm wide, it is much slimmer
than other distributed I/O systems.

Once it is installed and wired, you simply connect the ET 200SP motor starter to the controller in the TIA Portal ready for parameterization.

Just 20 motor starter variants – easy to select and order



Motor starter modules	Operating output*	Response value**	MLFB
Direct-on-line starter	0.09	0.1 ... 0.4	3RK1308-OAA00-OCPO
	0.25	0.3 ... 1	3RK1308-OAB00-OCPO
	1.1	0.9 ... 3	3RK1308-OAC00-OCPO
	4	2.8 ... 9	3RK1308-OAD00-OCPO
	5.5	4 ... 12	3RK1308-OAE00-OCPO
Reversing starter	0.09	0.1 ... 0.4	3RK1308-OBA00-OCPO
	0.25	0.3 ... 1	3RK1308-OBB00-OCPO
	1.1	0.9 ... 3	3RK1308-OBC00-OCPO
	4	2.8 ... 9	3RK1308-OBD00-OCPO
	5.5	4 ... 12	3RK1308-OBE00-OCPO
Fail-safe direct-on-line starter***	0.09	0.1 ... 0.4	3RK1308-OCA00-OCPO
	0.25	0.3 ... 1	3RK1308-OCB00-OCPO
	1.1	0.9 ... 3	3RK1308-OCC00-OCPO
	4	2.8 ... 9	3RK1308- OCD00-OCPO
	5.5	4 ... 12	3RK1308-OCE00-OCPO
Fail-safe reversing starter***	0.09	0.1 ... 0.4	3RK1308-ODA00-OCPO
	0.25	0.3 ... 1	3RK1308-ODB00-OCPO
	1.1	0.9 ... 3	3RK1308-ODC00-OCPO
	4	2.8 ... 9	3RK1308-ODD00-OCPO
	5.5	4 ... 12	3RK1308-ODE00-OCPO

* for AC-3 at 400 V rated value; ** adjustable current response value of the inverse-time delayed overload release; *** up to 4,000 meters can be used



BaseUnits

BU with 24 V and 400 V infeed	BU30-MS1	3RK1908-0AP00-0AP0
BU with 400 V infeed	BU30-MS2	3RK1908-0AP00-OCPO
BU with 24 V infeed	BU30-MS3	3RK1908-0AP00-OBPO
BU without infeed	BU30-MS4	3RK1908-0AP00-ODPO
BU F-DI-infeed with 400 V infeed	BU30-MS7	3RK1908-0AP00-OGPO
BU F-DI-forwarding with 400 V supply	BU30-MS8	3RK1908-0AP00-OHPO
BU F-DI-forwarding without supply	BU30-MS9	3RK1908-0AP00-OJPO
BU F-DI-infeed without infeed	BU30-MS10	3RK1908-0AP00-OKPO

Accessories



3DI/LC module (connecting terminal)

3RK1908-1AA00-0BP0



BaseUnit cover 30

3RK1908-1CA00-0BP0



Touch protection cover for power bus (10 units)

3RK1908-1DA00-2BP0



Fan

3RW4928-8VB00



Additional mechanical fixing for BaseUnit; heavy-duty fixing Packing unit: 5 units

3RK1908-1EA00-1BP0

**Published by
Siemens AG**

Smart Infrastructure
Control Products
Werner-von-Siemens-Str. 48–50
92224 Amberg, Germany

**For the U.S. published by
Siemens Industry Inc.**

100 Technology Drive
Alpharetta, GA 30005
United States

Article No. DFCP-B10056-02-7600
Dispo 27601
WS 10191.
Printed in Germany
© Siemens 2019

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