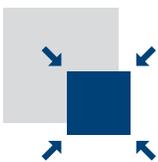


# Electronic compact starters: HF range

## A compact solution with great functionality

ABB's electronic compact starter, up to 3 kW / 400 V, is a 22.5 mm wide product. Even though it's compact it has, direct-on-line, reversed starting, motor overload protection, and emergency stop all included. It is well suited for paper machines, conveyors or machine tools.



### Space saving

#### Up to 90% less space required

Decrease your cabinet size. ABB's electronic compact starter is 22.5 mm wide while still containing motor starting functionalities and embedding motor protection and safety.



### Safety and protection

#### Integrated safety function

Protect your personnel with emergency stop version complying with SIL3, PL e safety standards.

Extend equipment life time and decrease maintenance cost as our starters service life is 10 times higher than electromechanical solutions.



### Easy to install

#### Up to 75% reduced time in wiring

Wiring time upon installation is reduced to a minimum as motor protection, reversing function and emergency stop are already part of the product.

Only one component to install reduces the risk of wiring errors.

# Electronic compact starters: HF range

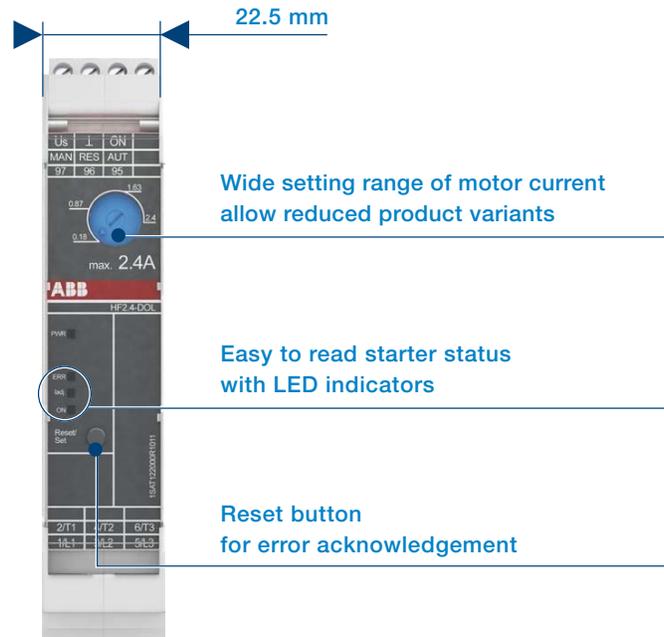
## Direct-on-line / reversing starter with motor protection

Using our electronic compact starter will save space in your cabinet, especially when it comes to group mounting. Separate overload protection is no longer needed and the wiring time is shortened.

The safety version enables the use in applications complying with Atex, SIL3 and PL e.

### Description

- 0.6 A, 2.4 A and 6.5 A, for motors up to 3 kW - 400 V AC
- Up to 9 A for resistive loads
- Rated operational voltage: 500 V AC
- Rated control supply voltage: 24 V DC
- Emergency stop (Atex, SIL3, PL e) for selected reference
- Automatic, manual or remote reset after thermal trip
- Electrical life: 30 millions operating cycles
- IEC / EN 60947-1, IEC / IEN 60947-4-2.



### Ordering details

IEC			UL / CSA		Type	Order code
Current range	Rated operational power 400 V AC-53a	current AC-51	Current range	FLA 500 V		
A	kW	A	A	A		
<b>Direct-on-line starter with overload protection</b>						
0.075 ... 0.6	0.18	0.6	0.075 ... 0.6	0.6	HF0.6-DOL-24VDC	1SAT112000R1011
0.18 ... 2.4	0.75	2.4	0.18 ... 2.4	2.4	HF2.4-DOL-24VDC	1SAT122000R1011
1.5 ... 6.5	3.0	9.0	1.5 ... 6.5	6.5	HF9-DOL-24VDC	1SAT142000R1011
<b>Direct-on-line starter with overload protection and emergency stop</b>						
0.075 ... 0.6	0.18	0.6	0.075 ... 0.6	0.6	HF0.6-DOLE-24VDC	1SAT113000R1011
0.18 ... 2.4	0.75	2.4	0.18 ... 2.4	2.4	HF2.4-DOLE-24VDC	1SAT123000R1011
1.5 ... 6.5	3.0	9.0	1.5 ... 6.5	6.5	HF9-DOLE-24VDC	1SAT143000R1011
<b>Reversing starter</b>						
6.5	3.0	9.0	1.5 ... 6.5	6.5	HF9-R-24VDC	1SAT144000R1011
<b>Reversing starter with overload protection</b>						
0.075 ... 0.6	0.18	0.6	0.075 ... 0.6	0.6	HF0.6-ROL-24VDC	1SAT115000R1011
0.18 ... 2.4	0.75	2.4	0.18 ... 2.4	2.4	HF2.4-ROL-24VDC	1SAT125000R1011
1.5 ... 6.5	3.0	9.0	1.5 ... 6.5	6.5	HF9-ROL-24VDC	1SAT145000R1011
<b>Reversing starter with overload protection and emergency stop</b>						
0.075 ... 0.6	0.18	0.6	0.075 ... 0.6	0.6	HF0.6-ROLE-24VDC	1SAT116000R1011
0.18 ... 2.4	0.75	2.4	0.18 ... 2.4	2.4	HF2.4-ROLE-24VDC	1SAT126000R1011
1.5 ... 6.5	3.0	9.0	1.5 ... 6.5	6.5	HF9-ROLE-24VDC	1SAT146000R1011