

# For Operation in the Field, High Degree of Protection

## SIRIUS M200D Motor Starters

### M200D Motor Starters for AS-Interface



**SIRIUS M200D**  
AS-i Basic

**SIRIUS M200D**  
AS-i Standard

#### Device functions (software features)

##### Slave on the bus

Fieldbus	✓ AS-i	
Slave type	✓ A/B acc. to Spec 2.1	✓ A/B acc. to Spec 3.0
Profile	✓ 7.A.E	✓ 7.A.E & 7.A.5
Number of assigned AS-i addresses on the bus	✓ 1	✓ 2
Number of stations per AS-i master	✓ Maximum 62 devices	✓ Maximum 31 devices
AS-i master profile	✓ M3 and higher	✓ M4 and higher

##### Parameterization

DIP switches	✓	--
Potentiometer for rated operational current	✓	--
ES Motor Starter	--	✓
Data records through AS-i	--	✓

##### Diagnostics

Diagnostics through parameter channel	✓	
Acyclic through data records	--	✓
Expanded process image PAE 4 bytes	--	✓

##### Process image

Process image	✓ 4E/3A	✓ 6E/4A
---------------	---------	---------

##### Data channels

Local optical interface (manual on-site)	✓	
AS-i bus	✓	
Motor Starter ES through local interface	--	✓
Motor Starter ES through bus	--	

##### Data records<sup>1)</sup> (acyclic)

Parameterization	--	✓
Diagnostics	--	✓
Measured values	--	✓
Statistics	--	✓
Commands	--	✓

##### Inputs

Number	✓ 4	
• Of these in the process image	✓ 2 through AS-i	✓ 4 through AS-i
Input action	✓ Permanently assigned functions, <a href="#">see manual</a>	✓ Parameterizable: Flexible
Quick-Stop	✓ Permanent function: latching, edge-triggered	✓ Parameterizable function: latching (edge-triggered), non-latching (level-triggered)

##### Outputs

Number	✓ 1	
Output action	✓ Permanent function: assigned with group fault	✓ Parameterizable: Function, <a href="#">see manual</a>

##### Brake output

180 V DC / 230/400 V AC / none	✓	
--------------------------------	---	--

##### Motor protection

Overload protection	✓ Electronic, wide range 1:10	
Short-circuit protection	✓	
Full motor protection	✓	
Temperature sensor	✓ Parameterizable using DIP switches: PTC or Thermoclick or deactivated	✓ Parameterizable using ES Motor Starter, data record: PTC or Thermoclick or deactivated

✓ Function is available; -- Function is not available.

<sup>1)</sup> The data records are a reduced selection compared with PROFIBUS/PROFINET