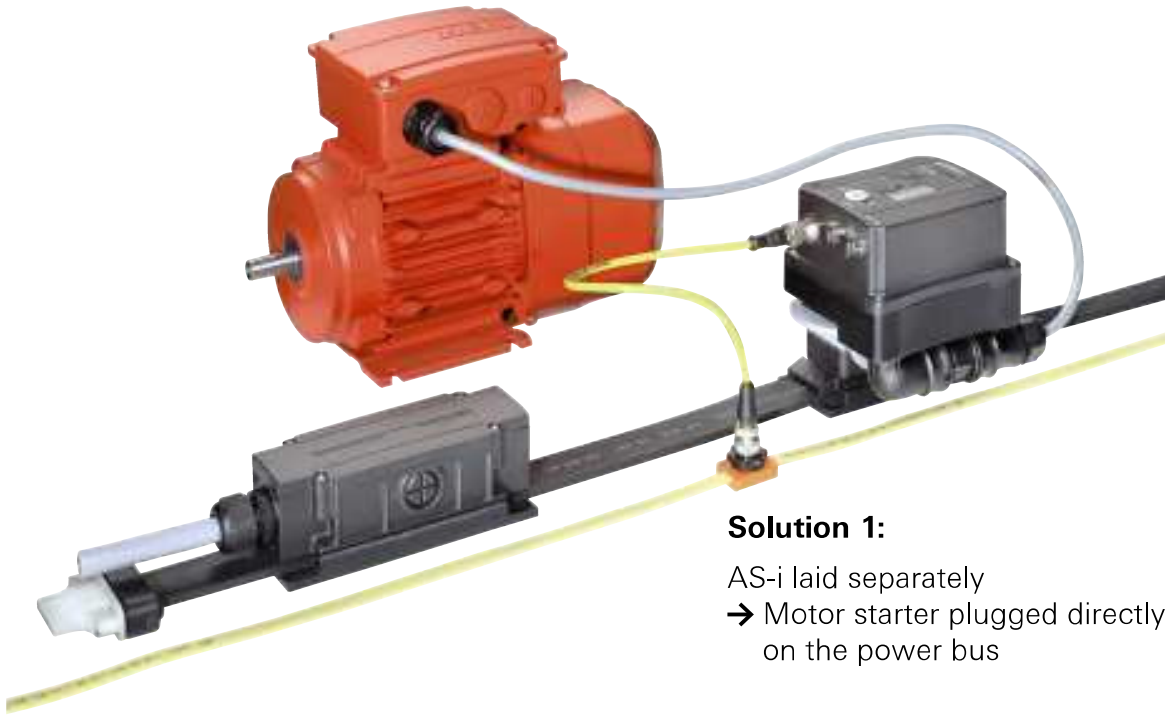


Direct/reversing starter, direct plug-in



Solution 1:

AS-i laid separately
 → Motor starter plugged directly on the power bus

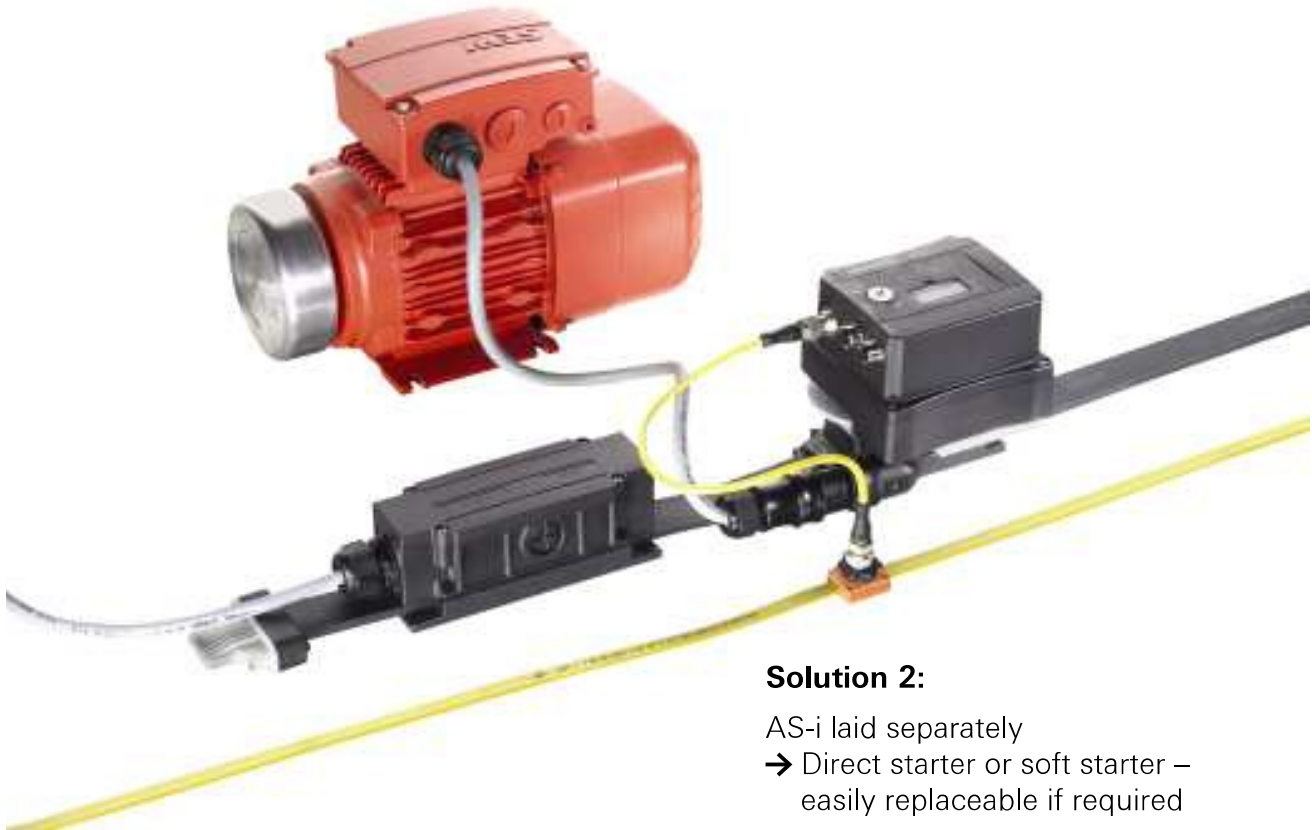
podis^{MCU} FA C 3I/W1.5 Direct/reversing starter, direct plug-in

podis^{MCU} FA C 3I/W1.5; FA C 3I/W1.5; reversing starter for three-phase asynchronous motors with electronic motor protection of 0.09-1.5 kW / 400 VAC; standard AS-i slave; AS-i specification 3.0 for 31 participants; auxiliary power from AS-i; 3 external digital initiator inputs via two M12 sockets; power (400 V) plug-in feed via podis outgoing flat cable FCS 4 7 SI BU (75.015.5153.1); AS-i via M12 socket; motor output via RST20i5 black, socket; parameterization of nominal motor current, minimum current, current asymmetry, reversing break, blocking of rotational direction (direct starter) via parameter download AS-i; diagnosis on the device via LED or AS interface



Description	Type	Order No
podis ^{MCU}	FA C 3I/W1.5	83.222.0009.5
Technical data		
Supply voltage of AC 50 Hz (V)		400
Supply voltage - voltage type		AC
Rated operating current of the motor (A)		4,0
Nominal power of the motor (min.- max.) (kW)		0.09 - 1.5
Frequency range (Hz)		50 - 60
Number of inputs		3
Number of motor outputs		1
AS-i specification		
Slave type		V3.0
Current consumption of AS-i (mA)		Standard slave max. 200
Motor current parameterization available		yes
Brake activation		no
Motor protection via thermistor		no
Motor protection via thermal motor model		yes
Switching rate		max. 1000/h
Conductor connection power feed-in		Plug connection podis ^{CON}
Connection type AS-i		Plug connection M12
Connection type Sensors		Plug connection M12
Connection type Motor output		Plug connection RST20i5
Degree of protection		IP65
Wall mounting		yes
Mounting orientation		horizontal and vertical
Ambient temperature		-20...+40°C (>40°C Derating)
W x H x D (mm) auf FCS 4 7 SI BU		104 x 134 x 139
Approvals		-

The soft starter,
plugged directly on the power bus



Solution 2:

AS-i laid separately
→ Direct starter or soft starter –
easily replaceable if required

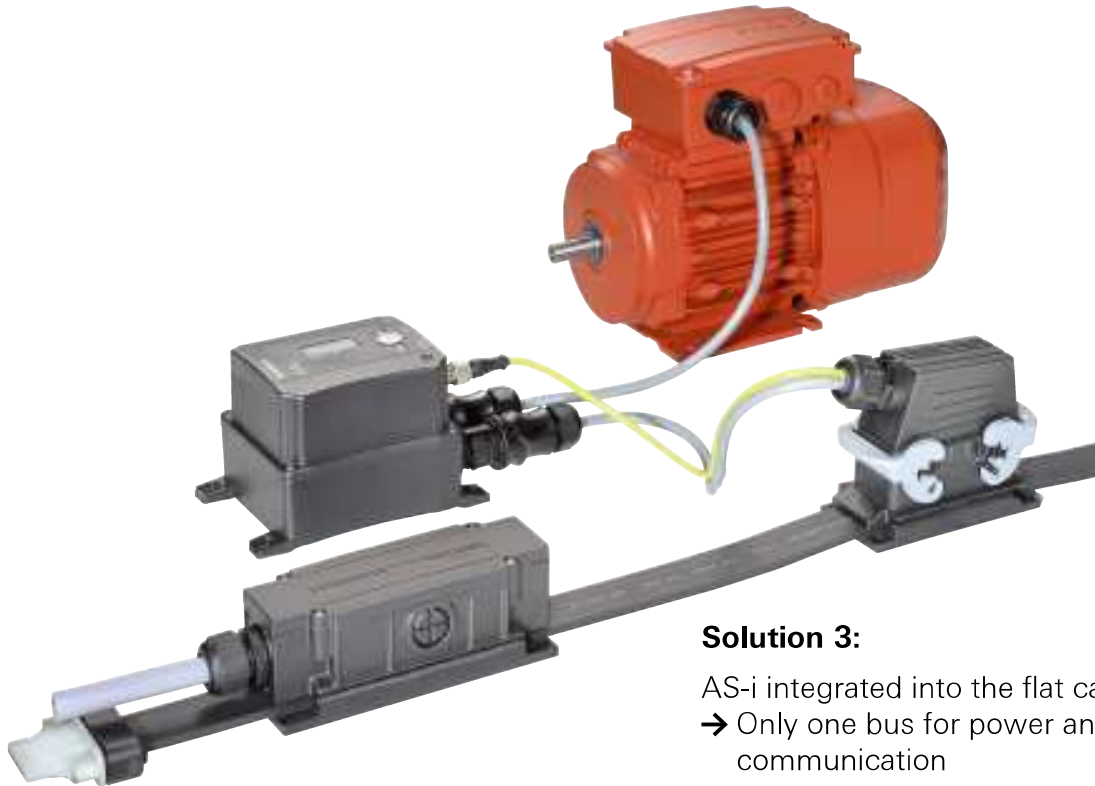
**podis^{MSS} FA C 3I/W1,5
soft starter direct plug-in**

podis^{MSS} FA C 3I/W1,5; soft starter with reversing function for threephase asynchronous motors of 0,09-1,5 kW / 400 V AC; standard AS-i slave; AS-i specification 3.0 for 31 participants; auxiliary power from AS-i; 3 external digital initiator inputs via two M12 sockets; power (400 V) infeed via podis^{CON} flat cable outgoing feeder (75,015,5153.1) pluggable; motor output via RST20i5 black, socket; function: Soft starting and stopping; reversing function; electronic motor protection; parameterization of nominal motor current, ramp-up time/deceleration time; minimum current, current asymmetry, reversing break, blocking of rotational direction (direct starter) via parameter download AS-i; diagnosis on the device via LED or via AS-Interface



Description	Type	Order No
podis ^{MSS}	FA C 3I/W1,5	83.223.0009.5
Technical data		
Supply voltage of AC 50 Hz (V)		400
Supply voltage - voltage type		AC
Rated operating current of the motor (A)		4,0
Nominal power of the motor (min.- max.) (kW)		0,09 - 1,5
Frequency range (Hz)		50
Number of inputs		3
Number of motor outputs		1
AS-i specification		
Slave type		Standard slave
Current consumption of AS-i (mA)		max. 200
Motor current parameterization available		yes
Starting voltage		0-100%
Starting time		0,1-10s
Deceleration time		0,1-10s
Brake activation		no
Motor protection via thermistor		no
Motor protection via thermal motor model		yes
Switching rate max.		1000/h
Conductor connection power feed-in		Plug connection podis ^{CON}
Connection type AS-i		Plug connection M12
Connection type Sensors		Plug connection M12
Connection type Motor output		Plug connection RST20i5
Degree of protection		IP65
Wall mounting		yes
Mounting orientation		horizontal and vertical
Ambient temperature		-20...+40°C (>40°C Derating)
W x H x D (mm) auf FCS 4 7 SI BU		104 x 152 x 139
Approvals		-

The direct/reversing starter, mounted remotely from the power bus



Solution 3:

AS-i integrated into the flat cable
 → Only one bus for power and communication

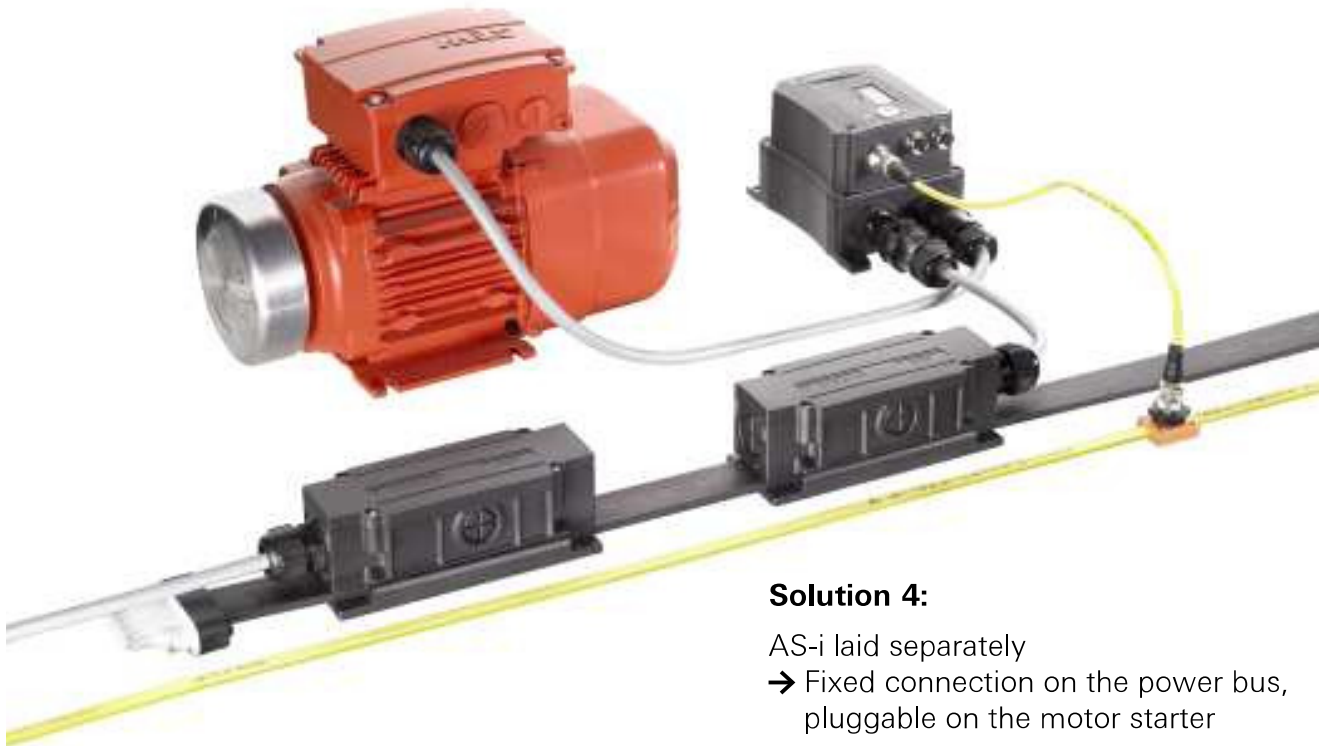
gesis^{MCU} PA V 3I/W1.5 Direct/reversing starter, remote

gesis^{MCU} PA V 3I/W1.5; reversing starter for three-phase asynchronous motors with electronic motor protection of 0.09-1.5 kW / 400 VAC; standard AS-i slave; AS-i specification 3.0 for 31 participants; auxiliary power from AS-i; 3 external digital initiator inputs via two M12 sockets; power (400 V) feed-in via RST 20i5 black, plug; motor output via RST 20i5 black, socket; parameterization of nominal motor current, minimum current, current asymmetry, reversing break, blocking of rotational direction (direct starter) via parameter download AS-i; diagnosis on the device via LED or AS interface



Description	Type	Order No
gesis ^{MCU}	PA V 3I/W1.5	83.234.0009.5
Technical data		
Supply voltage of AC 50 Hz (V)		400
Supply voltage - voltage type		AC
Rated operating current of the motor (A)		4,0
Nominal power of the motor (min.- max.) (kW)		0,09 - 1,5
Frequency range (Hz)		50 - 60
Number of inputs		3
Number of motor outputs		1
AS-i specification		
Slave type		V3.0
Current consumption of AS-i (mA)		Standard slave
Motor current parameterization available		max. 200
Brake activation		yes
Motor protection via thermistor		no
Motor protection via thermal motor model		no
Switching rate		yes
Conductor connection power feed-in		max. 1000/h
Connection type AS-i		Plug connection RST20i5
Connection type Sensors		Plug connection M12
Connection type Motor output		Plug connection M12
Degree of protection		Plug connection RST20i5
Wall mounting		IP65
Mounting orientation		yes
Ambient temperature		horizontal and vertical
W x H x D (mm)		-20...+40 °C (>40 °C Derating)
Approvals		104 x 161 x 96
		-

The soft starter, mounted remotely from the power bus



gesis^{MSS} PA V 3I/W1,5 Soft starter direct plug-in

gesis^{MSS} PA V 3I/W1,5; soft starters with reversing function for three-phase asynchronous motors of 0.09 - 1.5 kW / 400 V AC; standard AS-i slave; AS-i specification 3.0 for 31 participants; auxiliary power from AS-i; 3 external digital initiator inputs via two M12 sockets; power (400 V) infeed via RST20i5 black, plug; motor output via RST20i5 black, socket; function: Soft starting and stopping; reversing function; electronic motor protection; parameterization of nominal motor current, ramp-up time/deceleration time; minimum current, current asymmetry, reversing break, blocking of rotational direction (direct starter) via parameter download AS-i; diagnosis on the device via LED or via AS-Interface



Description	Type	Order No
gesis ^{MSS}	PA V 3I/W1.5	83.235.0009.5
Technical data		
Supply voltage of AC 50 Hz (V)		400
Supply voltage - voltage type		AC
Rated operating current of the motor (A)		4,0
Nominal power of the motor (min.- max.) (kW)		0.09 - 1.5
Frequency range (Hz)		50
Number of inputs		3
Number of motor outputs		1
AS-i specification		
Slave type		V3.0
Current consumption of AS-i (mA)		Standard slave max. 200
Motor current parameterization available		yes
Starting voltage		0-100%
Starting time		0.1-10s
Deceleration time		0.1-10s
Brake activation		no
Motor protection via thermistor		no
Motor protection via thermal motor model		yes
Switching rate max.		1000/h
Conductor connection power feed-in		Plug connection RST20i5
Connection type AS-i		Plug connection M12
Connection type Sensors		Plug connection M12
Connection type Motor output		Plug connection RST20i5
Degree of protection		IP65
Wall mounting		yes
Mounting orientation		horizontal and vertical
Ambient temperature		-20...+40 °C (>40 °C Derating)
W x H x D (mm)		104 x 161 x 96
Approvals		-