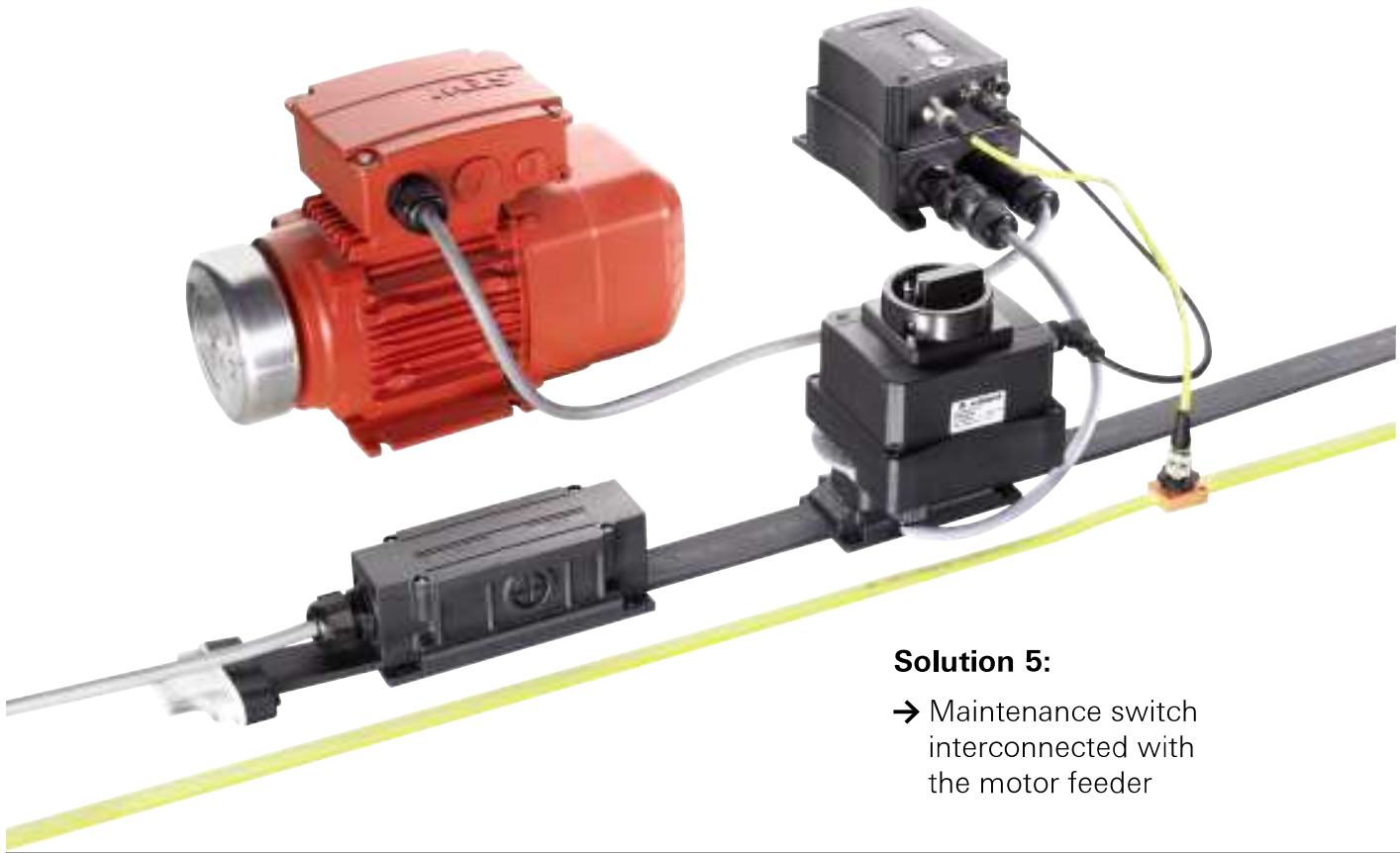


The maintenance switch plugged directly on the power bus



Solution 5:
 → Maintenance switch interconnected with the motor feeder

podis^{SWITCH} F CM 3P1S 25A maintenance switch direct plug-in

podis^{SWITCH} F CM 3P1S 25 A; podis^{CON} plug with maintenance switch; 400 V AC, 3-pole with additional auxiliary contact; switch position indicator on M12 plug; rated continuous current I_n = 25 A; switching capacity according to AC23A/B = 11 kW / 400 V; according to AC3 = 7.5 kW / 400 V

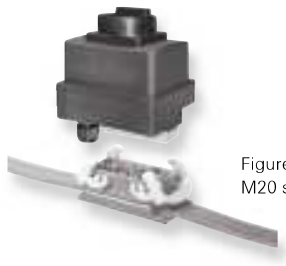


Figure similar (here with M20 screw connection)

Description	Type	Order No
podis ^{SWITCH}	F CM 3P1S 25A	83.226.0009.5
Technical data		
Nominal voltage (V)		400
Nominal current (A)		25
Conductor connection power feed-in		Plug connection podiscon
Conductor connection power feed-in		Plug connection RST20i5
Degree of protection		IP65
Wall mounting		yes
Mounting orientation		horizontal and vertical
W x H x D (mm)		104 x 130 x 168
Approvals		-
Technical data switch		
Operating voltage (V)		400
Rated current AC-23 A (A)		25
Rated power AC-23 A/B (kW)		11
Rated power AC-3 (kW)		7,5
Number of poles		3
Auxiliary contact switch position (M12)		Yes

The maintenance switch, mounted remotely from the power bus



Solution 6:

→ Maintenance switch as a group switch on the power bus

gesis^{SWITCH} P CM 3P1S 20A maintenance switch on the power bus

gesis^{SWITCH} P CM 3P1S 20 A; RST distributor box with maintenance switch; 400 V AC, 3-pole with additional auxiliary contact; switch position indicator on M12 plug; rated continuous current I_u = 20 A; switching capacity according to AC23A/B = 11 kW / 400 V; according to AC3 = 7.5 kW / 400 V



Description	Type	Order No
gesis ^{SWITCH}	P CM 3P1S 20A	83.236.0009.5
Technical data		
Nominal voltage (V)		400
Nominal current (A)		20
Conductor connection power feed-in		Plug connection RST20i5
Connection type output switched		Plug connection RST20i5
Connection type output power bus unswitched		Plug connection RST20i5
Degree of protection		IP65
Wall mounting		yes
Mounting orientation		horizontal and vertical
W x H x D (mm)		104 x 130 x 168
Approvals		-
Technical data switch		
Operating voltage (V)		400
Rated current AC-23 A (A)		25
Rated power AC-23 A/B (kW)		11
Rated power AC-3 (kW)		7,5
Number of poles		3
Auxiliary contact switch position (M12)		Yes

Single-phase switches for AS interface

podis SWITCH
FA C 3I/1OR


podis switch FA C 3I/1OR 15; field distributor at the AS-i for distributed loads (single-phase loads) on the **podis** flat cable power bus with degree of protection IP65, standard AS-i slave; one semiconductor switch output (230 V AC, 0.6 A (50°C)) via round cable 4x1.5 mm², (length 1500 mm) and valve plug (3 poles + ground); 3 digital initiator inputs on M12; AS-I connection via M12



Description	Type	Order No
podis SWITCH	FA C 3I/1OR 15	83.217.1509.2
Technical data		
Rated voltage (V AC)		230/400
Rated current (A)		2
Rated operating voltage auxiliary power (V DC)		24
Rated operating current auxiliary power (A)		1.0
Number of inputs		3
Number of outputs		1
Output current per channel (A)		2.0
Output type		Relais
AS-i specification		V2.11
Power bus connection type		Piercing connection
Connection type Sensors		Plug connection
Connection type Motor output		Plug connection
Pre-assembled motor connection cable		1.5
L x W x H (mm)		168.5 x 70.5 x 79.5
Approvals		-
Versions		Type
Cable length (m)	X.X - on request	FA C 3I/1OR XX
		83.217.XX09.2

podis SWITCH
FA C 3I/1OT

podis switch FA C 3I/1OT 15; field distributor at the AS-i for distributed loads (single-phase loads) on the **podis** flat cable power bus with degree of protection IP65, standard AS-i slave; one relay output (230 V AC, 1A) via round cable 4x1.5 mm², (length 1500 mm) and valve plug (3 poles + ground); 3 digital initiator inputs on M12; AS-I connection via M12



Description	Type	Order No
podis SWITCH	FA C 3I/1OT 15	83.221.1509.2
Technical data		
Rated voltage (V AC)		230/400
Rated current (A)		16
Rated operating voltage auxiliary power (V DC)		24
Rated operating current auxiliary power (A)		1.0
Number of inputs		3
Number of outputs		1
Output current per channel (A)		0.6
Output type		Transistor
AS-i specification		V2.11
Power bus connection type		Piercing connection
Connection type Sensors		Plug connection
Connection type Motor output		Plug connection
Pre-assembled motor connection cable		1.5
L x W x H (mm)		168.5 x 70.5 x 79.5
Approvals		-
Versions		Type
Cable length (m)	X.X - on request	FA C 3I/1OT XX
		83.221.XX09.2

podis SWITCH **FAIC -/2I2OR**
(AS-i integrated in the flat cable)

podis switch FAIC -/2I2OR; field distributor at the AS-i for distributed loads (single-phase loads) on the **podis** flat cable power bus with degree of protection IP65, AS-i A/B slave; two relay outputs (230 V AC, 1A); two control inputs (24 VDC) via **revos** MINI (7 poles + ground) pluggable connector; AS-I bus signal from **podis** flat cable




Description	Type	Order No
podis SWITCH	FAIC -/2I2OR	83.213.0004.2
Technical data		
Rated voltage (V AC)		230/400
Rated current (A)		2
Rated operating voltage auxiliary power (V DC)		-
Rated operating current auxiliary power (A)		-
Number of inputs		2
Number of outputs		2
Output current per channel (A)		1.0
Output type		Relais
AS-i specification		V2.11
Power bus connection type		Piercing connection
Connection type Sensors		Plug connection
Connection type Motor output		Plug connection
Pre-assembled motor connection cable		-
L x W x H (mm)		196 x 70.5 x 79.5
Approvals		-





Input/output modules for AS interface

podis[®] I/O FAJC 3IO
Input/output module


podis[®] I/O FAJC 3IO; AS-i I/O module on the podis flat cable power bus with degree of protection IP65, AS-i-Slave 3I3O, three M12 interfaces to the device, defined as input or output via jumpers; AS-i connection via M12; 24 V DC from podis flat cable



Description	Type	Order No
podis [®] I/O	FAJC 3IO	83.220.0000.2
Technical data		
Rated operating voltage auxiliary power (V DC)	24	
Rated operating current auxiliary power (A)	1.5	
Number of inputs	-	
Number of outputs	-	
Digital inputs/outputs, configurable	3	
Output current per channel (A)	0.5	
Output type	Transistor	
AS-i specification		
Power bus connection type	Piercing connection	
Connection type Sensors	Plug connection	
L x W x H (mm)	160 x 70,5 x 79,5	
Approvals	 	

podis[®] I/O FAIC 4I
Input module
AS-i integrated in the flat cable

podis[®] I/O FAIC 4I; AS-i I/O module on the podis flat cable power bus with degree of protection IP65, AS-i-Slave 4I, four inputs via M12 round pluggable connectors; AS-i connection from podis flat cable; connection via piercing contacts, length of motor cable (m)



Description	Type	Order No
podis [®] I/O	FAIC 4I	83.215.0000.2
Technical data		
Rated operating voltage auxiliary power (V DC)	-	
Rated operating current auxiliary power (A)	-	
Number of inputs	4	
Number of outputs	-	
Digital inputs/outputs, configurable	-	
Output current per channel (A)	-	
Output type	-	
AS-i specification		
Power bus connection type	Piercing connection	
Connection type Sensors	Plug connection	
L x W x H (mm)	160 x 70,5 x 79,5	
Approvals	