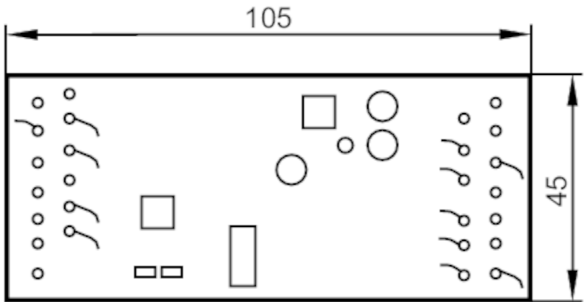




AS-Interface PCB module

CabinetModule 4DI 4DO T W



Application

Application	For integration of mechanical switches into AS-i networks
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Electrical data

Operating voltage	[V]	26.5...31.6 DC
Max. current consumption from AS-i	[mA]	250
Max. current load total	[A]	0.2; (total current for all inputs and outputs supplied from AS-i: 200 mA)

Inputs / outputs

Number of inputs and outputs	Number of digital inputs: 4; Number of digital outputs: 4
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Inputs

Number of digital inputs		4
Input circuit of digital inputs		PNP
Sensor supply of the inputs		AS-i
Voltage supply	[V]	15...30; (DC)
Max. total current rating of inputs	[mA]	200
Input current High	[mA]	> 3
Input current low	[mA]	< 1.5
Switching level high	[V]	> 10
Digital inputs protected against short circuits		yes

Outputs

Electrical design		PNP
Number of digital outputs		4
Circuit		PNP
Max. current load per output	[mA]	50
Short-circuit proof		yes
Electrically separated		yes
Actuator supply outputs		AS-i

Operating conditions

Ambient temperature	[°C]	-25...60
Protection		IP 20

AC2709



AS-Interface PCB module

CabinetModule 4DI 4DO T W

Tests / approvals		
EMC	EN 50295	
MTTF	[years]	322
AS-i classification		
AS-i version		2.1
Extended addressing mode		no
AS-i master profile		M2; M3; M4
AS-i profile		S-7.0.F
AS-i I/O configuration	[hex]	7
AS-i ID code	[hex]	0.F
Mechanical data		
Weight	[g]	115
Housing		rectangular
Type of mounting		for Moeller housing RMQ-Titan: I3M, I4M, I6M
Displays / operating elements		
Display	Power	LED, green
Remarks		
Remarks	The PCB can also be integrated into a RMQ22 housing.	
	Do not connect any of the following points to an external potential:	
	O-, I+, I1, I2, I3, I4	
	The connections are electrically connected with the AS-i cable.	
	Install the unit so that exposed parts cannot be touched.	
Pack quantity	1 pcs.	



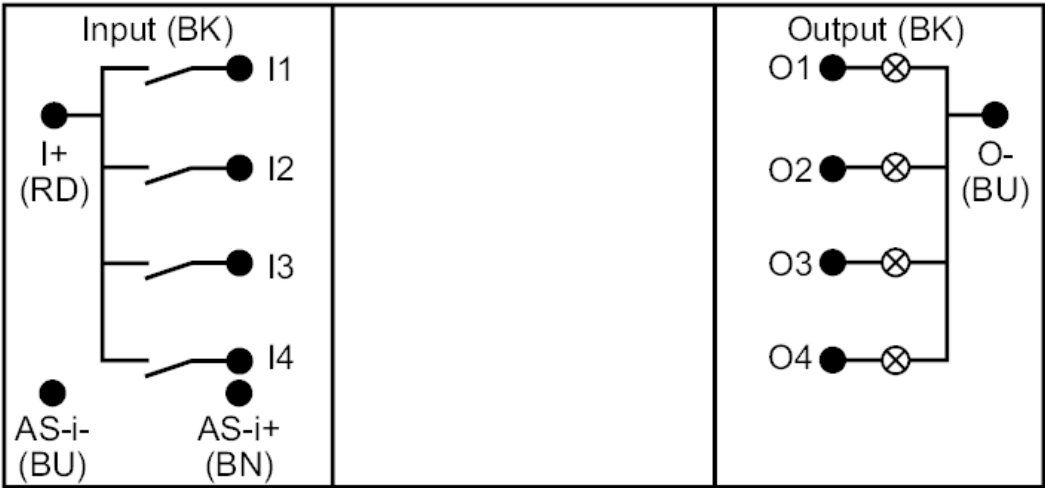
AS-Interface PCB module

CabinetModule 4DI 4DO T W

Electrical connection

Cable: 0.2 m

Connection



Core colors :
BN = brown
BU = blue
BK = black
RD = red