

ASi-5/ASi-3 Master Circuit Board Module for Raspberry Pi

ASi-5/ASi-3 Master assembly for Raspberry Pi

ASi Master Circuit Board Module for integration into a Raspberry Pi

Set of master PCB and power supply PCB

ASi-5/ASi-3 specification



(figure similar)



The ASi-5/ASi-3 Master PCB module for Raspberry Pi is intended for integration into a Raspberry Pi. The module meets ASi-5 and ASi-3 specifications and thus supports all new ASi functions.

ASi Master functions are configured and diagnosed via the Raspberry Pi.

Article no.	BWU4061
ASi-5/ASi-3 Master Circuit Board Module for Raspberry Pi	
Type	Circuit Board Module
Application	ASi Master for integration into a Raspberry Pi
Connection to RaspberryPi	PCB socket, 2 x 20 poles
ASi connection	MOLEX PicoBlade wiring pins, 8 poles
Power Supply	24 V / 30 V
Integrated current limit	no
Integrated data decoupling	yes
External fuse	necessary, max. 4 A
ASi	
ASi specification	ASi-5/ASi-3
Cycle time	Cycle time ASi-3 (variable): 150 μ s * (number of ASi-3 slaves + 2) Cycle time ASi-5 (constant): 1,27 ms for 384 bits input data + 384 bits output data
Operating voltage	24 V _{DC} (20 ... 31,6 V) (PELV voltage)
Operating current	approx. 250 mA
Current per ASi network	max. 4 A
Length of ASi cable	with 24 V standard power supply: max. 50 m with 30 V ASi power supply: max. 100 m
Display	
LED config error (rot)	configuration error
LED prj mode (gelb)	in configuration mode
LED ASi active (grün)	ASi normal operation active
LED U ASi (grün)	ASi voltage o.k.
Environment	
Applied standards	EN 61131-2 EN 60529 EN 61000-6-2 EN 61000-6-4
Operating altitude	max. 2000 m
Dimensions (W / H / D) in mm	master PCB: 65 / 56,5 / tbd power supply PCB: 67 / 22 / tbd

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