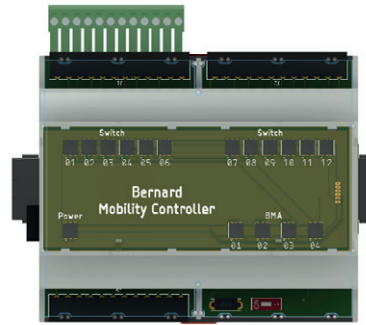


■ Data sheet



BERNARD Mobility Controller

Technical data	
Function	Connection between BMA and traffic light system
Number of cameras	1-8 BMA (two BMC cascable)
Outputs	12-24 potential-free (galvanically isolated) switches with screw connection $I_{max} = 700 \text{ mA}$, $U_{max} = 60 \text{ VDC}$ 12-24 Status LEDs Red, Green, Blue (RGB)
Error outputs	Freely configurable, 12-24 potential-free (galvanically isolated) switches with screw connection $I_{max} = 700 \text{ mA}$, $U_{max} = 60 \text{ VDC}$, 12-24 Status LEDs Red, Green, Blue (RGB)
Communication	JSON HTTP AP
Connection parameters	
Input voltage	-24 VDC
Power connection parameters	0.3 A for the BMC plus 1 A each for every connected BMA
Power consumption	$\leq 5 \text{ W}$ plus 25 W per connected BMA
Networks	RS485 PLC, LTE module
Assembly	DIN rail
BMA connecting line	2 cores 0.5-1.3 mm ² up to 1200 m long
Umweltbedingungen	
EMC	Electromagnetic compatibility -2014/30/EU
FCC	FCC Part 15 class B
Temperature range	-40 °C bis +80 °C
Dimensions	
Height x width x depth	60 x 107(214) x 90 mm
Weight	< 1 kg