Electrical interface
VABA-S6-1-AP

Part number: 8152356



Data sheet

Feature	Value
Position of connection	On top
Reverse polarity protection	Yes
Diagnostics via LED	Diagnostics per module Load power supply
Diagnostics per internal communication	Switch-off load supply Electronics/sensors overvoltage Load overvoltage Electronics/sensors undervoltage Load undervoltage
Max. number of valve positions	12
Max. number of valve coils	24
Module parameters	Configuration of voltage monitoring load supply PL Behaviour in error state
Dimensions (W x L x H)	71 mm x 142 mm x 84 mm
Fuse protection (short circuit)	Internal electronic fuse per channel
Intrinsic current consumption at nominal operating voltage for electronics/sensors	Typically 34 mA
Intrinsic current consumption at nominal operating voltage load	Typically 16 mA
Power failure buffering of load	3 ms
Note regarding operating voltage	SELV/PELV fixed power supplies required Note the voltage drop
Max. power supply	2 x 4 A (external fuse required)
Nominal DC operating voltage, electronics/sensors	24 V
Nominal operating voltage DC of load	24 V
Nominal operating voltage DC	24 V
Power failure bridging	10 ms
Permissible voltage fluctuations for electronics/sensors	±25%
Permissible voltage fluctuation of load	±10%
Power supply, function	Incoming electronics/sensors and load
Power supply, connection type	Plug
power supply, connection system	M8x1, A-coded to EN 61076-2-104
Power supply, number of pins/wires	4
Power transmission, function	Outgoing electronics/sensors and load
Power transmission, connection type	Socket

Feature	Value
Power transmission, connection technology	M8x1, A-coded to EN 61076-2-104
Power transmission, number of pins/wires	4
Approval	RCM
CE mark (see declaration of conformity)	To EU EMC Directive
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Storage temperature	-20 °C...60 °C
Relative air humidity	5 - 95% Non-condensing
Protection against direct and indirect contact	PELV Safety extra-low voltage
Degree of protection	IP65
Note on degree of protection	In mounted state Unused connections sealed
Ambient temperature	5 °C...50 °C
Nominal altitude of use	<= 2000 m NHN
Product weight	712 g
Max. cable length	50 m system communication
Communication interface, function	System communication XF10 IN / XF20 OUT
Communication interface, connection type	2x socket
Communication interface, connection technology	M8x1, D-coded according to EN 61076-2-114
Communication interface, number of pins/cores	4
Communication interface, protocol	AP-COM
Communication interface, screened	Yes
Note on materials	RoHS compliant
Material cover	Die-cast aluminium
Material threaded sleeve	Nickel-plated brass