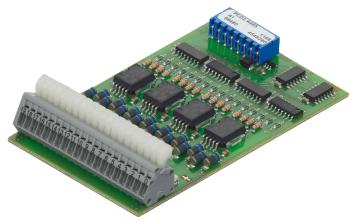
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PCD2.A465

16 digital outputs, 0.5 A for each

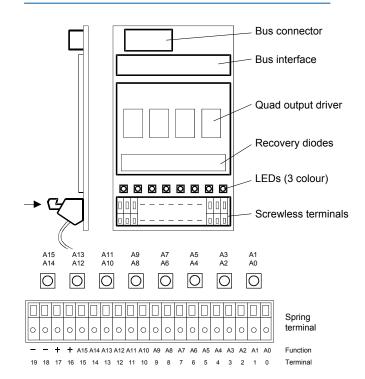


Low cost output module with 16 transistor outputs 5 ... 500 mA, with short-circuit protection. The individual circuits are electrically connected; the voltage range is 10 ... 32 VDC.

Technical data

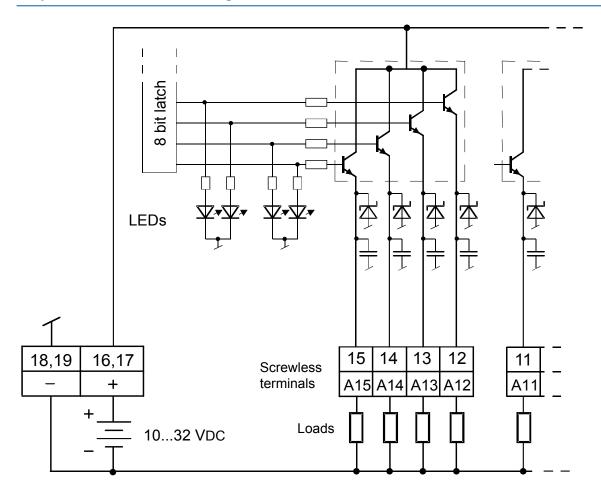
Number of outputs	16, electrically connected					
Output current	$5\dots500$ mA (leakage current max. 0,1 mA.) Within the voltage range $5\dots24$ VDC, the load resistance should be at least 48Ω					
Short circuit protection	yes					
Total current per module	8 A on 100 % duty cycle					
Operating mode	Source operation (positive switching)					
Voltage range	1032 VDC, smoothed, max. 10 % residual ripple					
Voltage drop	≤ 0,3 V at 0,5 A					
Output delay	typically 50 µs, max. 100 µs for resistive load					
Resistance to interference acc. to IEC 801-4	4 kV under direct coupling 2 kV under capacitive coupling (whole trunk group)					
Internal current consumption (from +5 V bus)	max 74 mA (all outputs = "1") typically 40 mA					
Internal current consumption (from V+ bus)	0 mA					
External current consumption	Load current					
Terminals	Spring terminal connection (not pluggable), for wires up to max. 0.5 mm² (1 × AWG 20)					

LEDs and connection terminals



For every 2 outputs, a 3-colour LED is fitted:

LED	[<u> </u>	[0		0				0	[)		0		
	A0	A1	A2	А3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15
off	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
red	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0
green	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1
yellow	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1





 $Watchdog: This \ module \ can \ interact \ with \ the \ watchdog.$

For details, please refer to the "Watchdog" section of the manual 27-600_ENG, which describes the correct use of the watchdog in conjunction with Saia PCD components



I/O modules and I/O terminal blocks may only be plugged in and removed when the Saia PCD* and the external +24 V are disconnected from the power supply.

Ordering information

Туре	Short description	Description	Weight	
PCD2.A465	16 digital outputs for 0.5 A each	Digital output module, 16 outputs, transistors, 1032 VDC/0.5 A, connection with spring terminals	35 g	

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