



IE204x | 8-channel digital output 24 V DC, $I_{max} = 2 A (\Sigma 12 A)$

The IE204x digital output modules connect the binary control signals from the automation unit on to the actuators at the process level. The eight outputs handle load currents of up to 2 A each, although the total current is limited to 12 A. The outputs are supplied by three load circuits; for this reason these modules do not relay the supply voltage. The signal state is indicated by means of light emitting diodes. The signals are optionally connected via 8 mm snap type (IE2040), M8 (IE2041) or M12 (IE2042) screw type connectors. The outputs are short-circuit-proof and protected against inverse connection.

Technical data	IE2042	IE2041	IE2040
Number of outputs	8		
Output connections	M12, screw type	M8, screw type	8 mm, snap type
Load type	ohmic, inductive, lamp load		
Nominal output voltage	24 V DC (-15 %/+20 %)		
Max. output current	2 A per channel, individ. short-circuit proof, total current max. 12 A (channel 0...3: $\Sigma 4 A$, 4+5: $\Sigma 4 A$, 6+7: $\Sigma 4 A$)		
Short circuit current	typ. 4 A		
Auxiliary power current	typ. 50 mA per channel		
Current consumption from Us (without sensor current)	25 mA		
Power supply connection	feed: 2 x M8 male socket, 4-pin; no downstream connection		
Bit width in the process image	8 outputs		
Electrical isolation	channels/control voltage: no, between the channels: no, control voltage/fieldbus: yes, via IP-Link		
Operating/storage temperature	0...+55 °C/-25...+85 °C		
Vibration/shock resistance	conforms to EN 60068-2-6/EN 60068-2-27		
EMC immunity/emission	conforms to EN 61000-6-2/EN 61000-6-4		
Protect. class/installation pos.	IP 65/66/67 (conforms to EN 60529)/variable		
Approvals	CE, UL		