



## ERI2339-002x | 16-channel digital input or output 24 V DC

The ERI2339 IO-Link box has 16 digital channels, each of which can optionally be operated as an input or as an output. A filter constant of 3.0 ms is available for the inputs. The outputs are short-circuit proof and protected against inverse polarity. They handle load currents of up to 0.5 A each, although the total current is limited to 4 A. The state of each signal is indicated by means of light emitting diodes. The signals are connected optionally via M8 (ERI2339-0021) or M12 (ERI2339-0022) screw type connectors.

The IO-Link box modules with zinc die-cast housing are ready for use in harsh industrial and process environments. With the fully sealed design and metal surfaces the ERI series is ideal for applications requiring enhanced load capacity and protection against weld spatter, for example.

Technical data	ERI2339-0021	ERI2339-0022
Communication	IO-Link	
Data transfer rates	230.4 kbaud (COM 3)	
Specification version	IO-Link V1.1, Class B	
Number of channels	16 digital inputs or outputs	
Input/output connections	M8, screw type	M12, screw type
Interfaces	1 x M12 plug, A-coded	
Input filter	3.0 ms (default), adjustable 0...20 ms	
"0" signal voltage	-3...+5 V (EN 61131-2, type 3)	
"1" signal voltage	11...30 V (EN 61131-2, type 3)	
Input current	typ. 3 mA (EN 61131-2, type 3)	
Sensor supply	from load supply voltage, max. 0.5 A, short-circuit proof in total	
Load type	ohmic, inductive, lamp load	
Rated load voltage	24 V DC (-15 %/+20 %)	
Max. output current	0.5 A per channel, individually short-circuit proof, $\Sigma$ 4 A	
Short circuit current	max. 1.5 A	
Current consumption	typ. 100 mA from L+	
Auxiliary power current	typ. 20 mA + load	
Bit width in the process image	16 inputs + 16 outputs	
Electrical isolation	L+/2L+: yes	
Operating/storage temperature	-25...+60 °C/-40...+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	

Related products	
<b>EP6228</b>	EtherCAT Box, industrial housing, 8-channel IO-Link master, IP 67
<b>EP6224</b>	EtherCAT Box, industrial housing, 4-channel IO-Link master, IP 67
<b>EL6224</b>	EtherCAT Terminal, IO-Link master, IP 20
<b>KL6224</b>	Bus Terminal, IO-Link master, IP 20