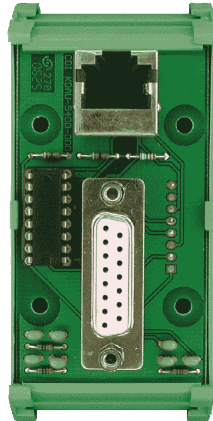


KDAU-5400 - 1 x QEI ENCODER INTERFACE RS422 MODULE



DESCRIPTION

- RS422 Quadrature Encoder interface
- 2 x Limits switch inputs
- Encoder Error input
- 0V and +5V for encoder supply
- Fault signal from encoder
- DSUB 15F Connector compatible with Heidenhain standard DB15 encoder connection

TECHNICAL INFORMATION

ELECTRICAL

KDIO BUS

- 1 x RJ45 Connector for connexion to a QEI able KDIO channel

SUPPLY

- 0V/VDD supplied by KDIO channel

CONNEXIONS

- 1 x KDIO RJ-45 Connector
- 1 x DB15F for encoder connection

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ENCODER CONNECTION

Pin	Signal	To	Detail
1	QEA+	KDIOx_4	Channel A+
2	0V	-	0V
3	QEB+	KDIOx_2	Channel B+
4	+VDD	-	+5V
5	nc	-	Index -
6	LS+	KDIOx_1	Limit switch +
7	IDX-	KDIOx_3	Index -
8	LS-	-	Limit switch -
9	QEA-	KDIOx_4	Channel A-
10	0V	-	0V
11	QEB-	KDIOx_2	Channel B-
12	+VDD	-	+5V
13	FAULT	KDIOx_5	Device diag.
14	IDX+	KDIOx_3	Index +
15	0V	-	0V

MECHANICAL

DIMENSIONS

- Dimensions: L 42.5 X H 92.6
- Conform for rail mount for norms DIN EN 50022, DIN EN 50035 & DIN EN 50045