

## Barcode Reading Unit, Type 6723-10 Series B

- Decoder unit for four different barcodes.



### Description

The Barcode Reading Unit type 6723-10 decodes the pulse sequence of a connected barcode reader and transmits the data for further elaboration via P-NET (RS485) to superior functional units.

The reading unit was designed for the barcode reader type 6727-40 and type 6834-10. Moreover, it is possible to connect all barcode readers, fulfilling the corresponding conditions for the connection. The following four barcodes are recognized:

- Interleaved 2 of 5
- UPC/EAN
- Code 39
- Code 128

The Barcode Reading Unit may be configured via P-NET. Adjustable are:

- the barcode(s) to be decoded
- the operation mode

### Structure and Mounting

The electronic devices of the Barcode Reading Unit inside an alu-diecast housing. Terminals are located on the print board in the lower part.

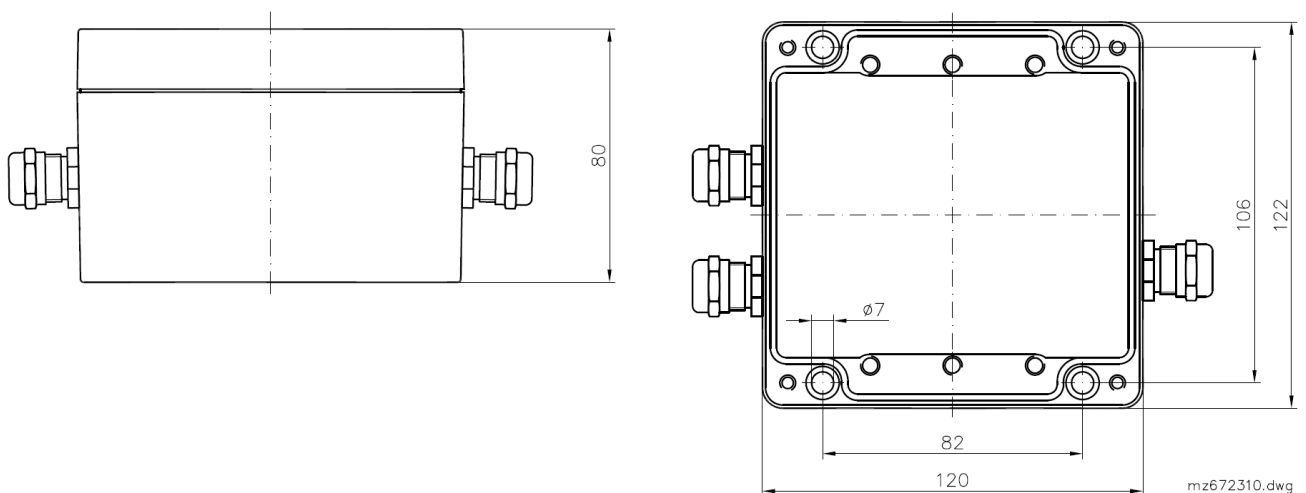
For mounting, the lower part of the housing contains four holes for M6-screws.

### Features

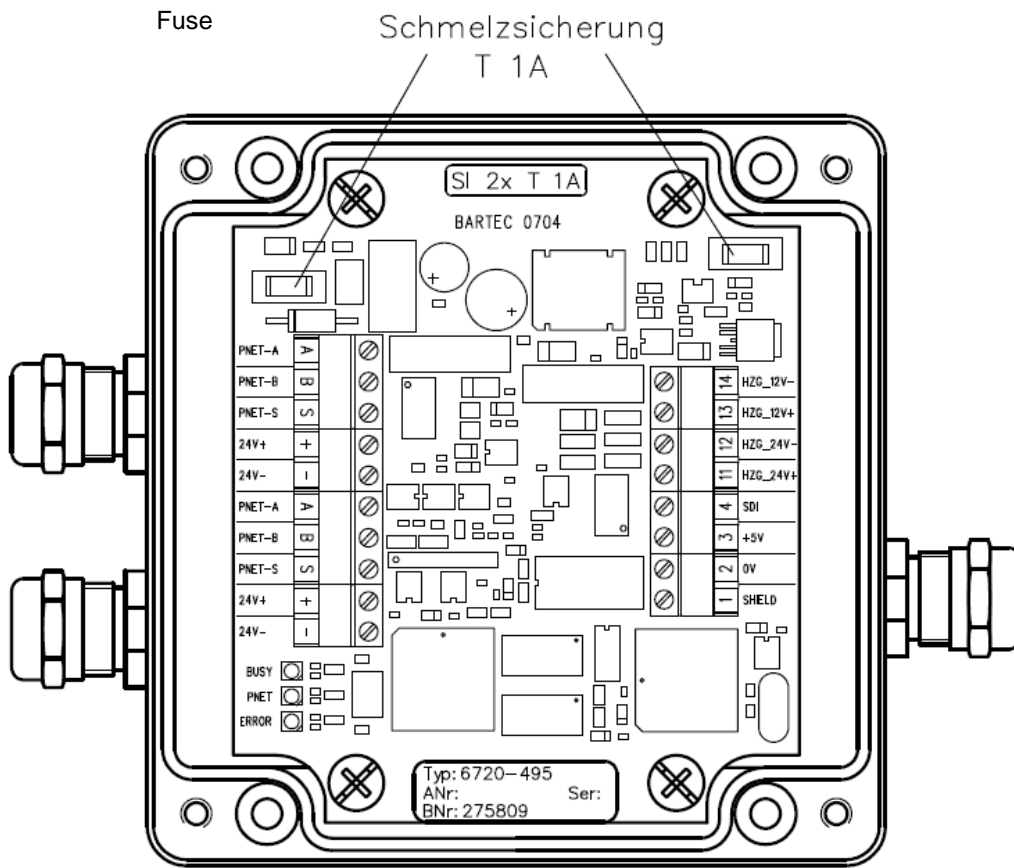
- Configurable according to barcode, the character number and the operation modes
- Makes available the power supply for barcode reader electronics and barcode reader heating
- P-NET-Interface (RS485)
- Compact and water-jet-tight structure

Technical Data		
<b>Device specific data</b>		
Connectable Barcode Readers	Reader with TTL-compatible output: "bright" ≈ low, "dark" ≈ high	
Readable Barcodes	Type	Barcode length
	Code 39	1 ... 32 characters
	Code 128	1 ... 32 characters
	Interleaved 2 of 5	4 ... 32 characters
	UPC/EAN	Firm length
<b>Electrical Data</b>		
Supply voltage	24 V DC ± 20 %	
Power consumption	1,5 W (without heating)	
Fuse	2 x 1 A (neutral)	
Fieldbus	P-NET RS 485, max. Length of line 300 m	
Electrical connection	Screw terminals 0.2 ... 1.5 mm <sup>2</sup> , 3 x cable inlet PG9, cable diameter 4 ... 8 mm	
Output for barcode reader heating	12 or 24 V DC, max. 1.6 W	
Output for barcode reader power supply	5 V DC, max. 50 mA	
<b>Ambient Conditions</b>		
Operating temperature	-20 ... +60 °C	
Storage temperature	-40 ... +85 °C	
Climatic class	JUF	
Protective system	IP 65	
<b>Mechanical Data</b>		
Dimensions	120 x 122 x 80 (mm)	
Weight	approx. 12 N ≈ 1,2 kg	
Housing	Alu-diecast housing	
<b>Ordering details</b>		
<b>Designation</b>		<b>Order number</b>
Barcode Reading Unit Series B, Type 6723-10		U96417672310
<b>Accessories</b>		
Barcode Reader, Type 6727-40		U96410672740

## Dimensions



**Connection**



mz672310.dwg