

DPY-1115

Add-on display kit to TEC controllers

The **DPY-1115** is an add-on display kit for TEC Family Peltier controllers. The format and information to be displayed can be freely chosen using the TEC Configuration Software. This includes all available parameters such as temperature, voltage, current, and status.

This ready-to-use kit including a cable and connector is particularly suitable for standalone operation of single- or dual-channel controller setups.

HIGHLIGHTS

- 2 × 16 Char OLED Display
- Blue characters
- Cable length: approx. 50 cm
- Supported devices: TEC-Family Peltier Controllers (TEC-1089, TEC-1090, TEC-1091, TEC-1092 (only when used with EVL-1093), TEC-1122, TEC-1123, TEC-1161-xx, TEC-1162, TEC-1163, TEC-1166, TEC-1167)
- **Required Firmware Version:** ≥ v4.10
- Configuration information is provided in the TEC-Family [user manual](#).

Trial Device & Technical Support

Trial devices and technical support are available for evaluation projects. Please contact support@meerstetter.ch or visit our [support center](#).



RELATED PRODUCTS

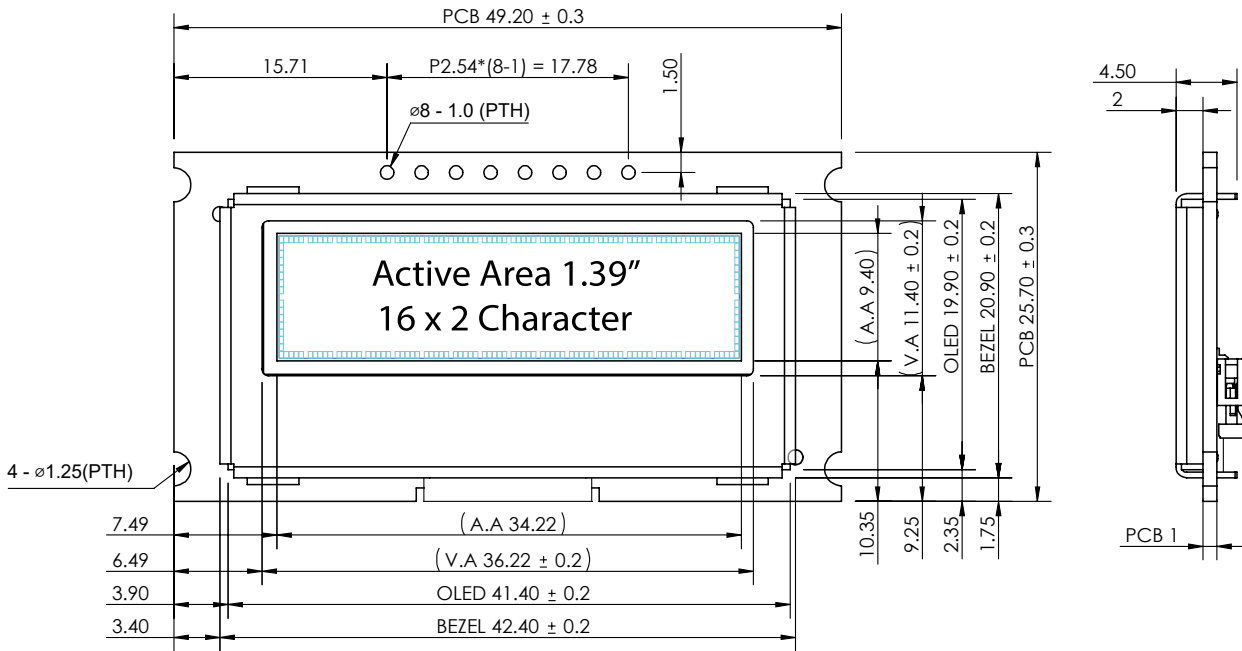
Model	Type	Size	Description
TEC Controllers	Device	-	TEC controller to connect the display
DPY-1113	Display	2 × 16 Char	yellow characters, bigger size
DPY-1114	Display	4 × 20 Char	bigger display, double the lines

See the [full product overview](#) in the Meerstetter Engineering's Product Compatibility section.

TABLE OF CONTENTS

1 Mechanical Data	3
2 All Meerstetter Engineering Products	4
2.1 Meerstetter Engineering's Product Compatibility	4
3 Change History	5

1 MECHANICAL DATA



Units in millimeter

2 ALL MEERSTETTER ENGINEERING PRODUCTS

2.1 Meerstetter Engineering's Product Compatibility

The Laser Diode Drivers and TEC Controllers from Meerstetter have been developed to work along with each other. They share the same platform bus, communication protocol and hardware architecture. See the following table for an overview of the Laser Diode Drivers and TEC Controllers from Meerstetter Engineering:

Model	Output	Description	
Laser Diode Drivers			
LDD-1321	0–1.5 A / 0–14 V	CW, Add-on TEC Controller available	
LDD-1301	0–20 A / 0.5–45 V	1 ms – CW	
LDD-1303	0–20 A / 1–120 V	1 ms – CW	
LDD-1137	0–75 A / 0–70 V	1 ms – CW	
LDD-1124	0–1.5 A / 0–15 V	CW, modulated modes	
LDD-1121	0–15 A / 0–15 V	1 μ s – CW, modulated, QCW and pulsed modes	
LDD-1125	0–30 A / 0–27 V	1 μ s – CW, modulated, QCW and pulsed modes	
TEC Controllers			
Single-Channel Models	TEC-1092	± 1.2 A / ± 9.6 V	Micro
	TEC-1091	± 4 A / ± 21 V	Small
	TEC-1089	± 10 A / ± 21 V	Medium
	TEC-1162	± 5 A / ± 56 V	Medium-high
	TEC-1090	± 16 A / ± 30 V	Large
	TEC-1163	± 25 A / ± 56 V	Extra-large
Dual-Channel Models	TEC-1161-4A	2 x (± 4 A / ± 21 V)	Small
	TEC-1161-10A	2 x (± 10 A / ± 21 V)	Medium
	TEC-1122	2 x (± 10 A / ± 21 V)	Medium
	TEC-1166	2 x (± 5 A / ± 56 V)	Medium-high
	TEC-1123	2 x (± 16 A / ± 30 V)	Large
	TEC-1167	2 x (± 25 A / ± 56 V)	Extra-large

3 CHANGE HISTORY

Date of change	Version	Changed / Approved	HW Version
April 17, 2026	C	NJ / SR	
Change / Reason <ul style="list-style-type: none">• Mod: Datasheet design• Add: Change history			

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Meerstetter Engineering GmbH (ME) reserves the right to make changes without further notice to the product described herein. Information furnished by ME is believed to be accurate and reliable. However typical parameters can vary depending on the application and actual performance may vary over time. All operating parameters must be validated by the customer under actual application conditions.