

Description

Moore Industries' aluminum DIN-style housings are the ideal choice for high density installations in the control room and field-mounted cabinets. Compact, yet rugged, these housings snap quickly and easily onto a standard G-type DIN rail.

DIN-style housings are available optionally with removable terminal blocks (-RTB option) to further speed and simplify installation and removal. A T-connector is also offered for power bussing multiple DIN-style units (see back page for details).

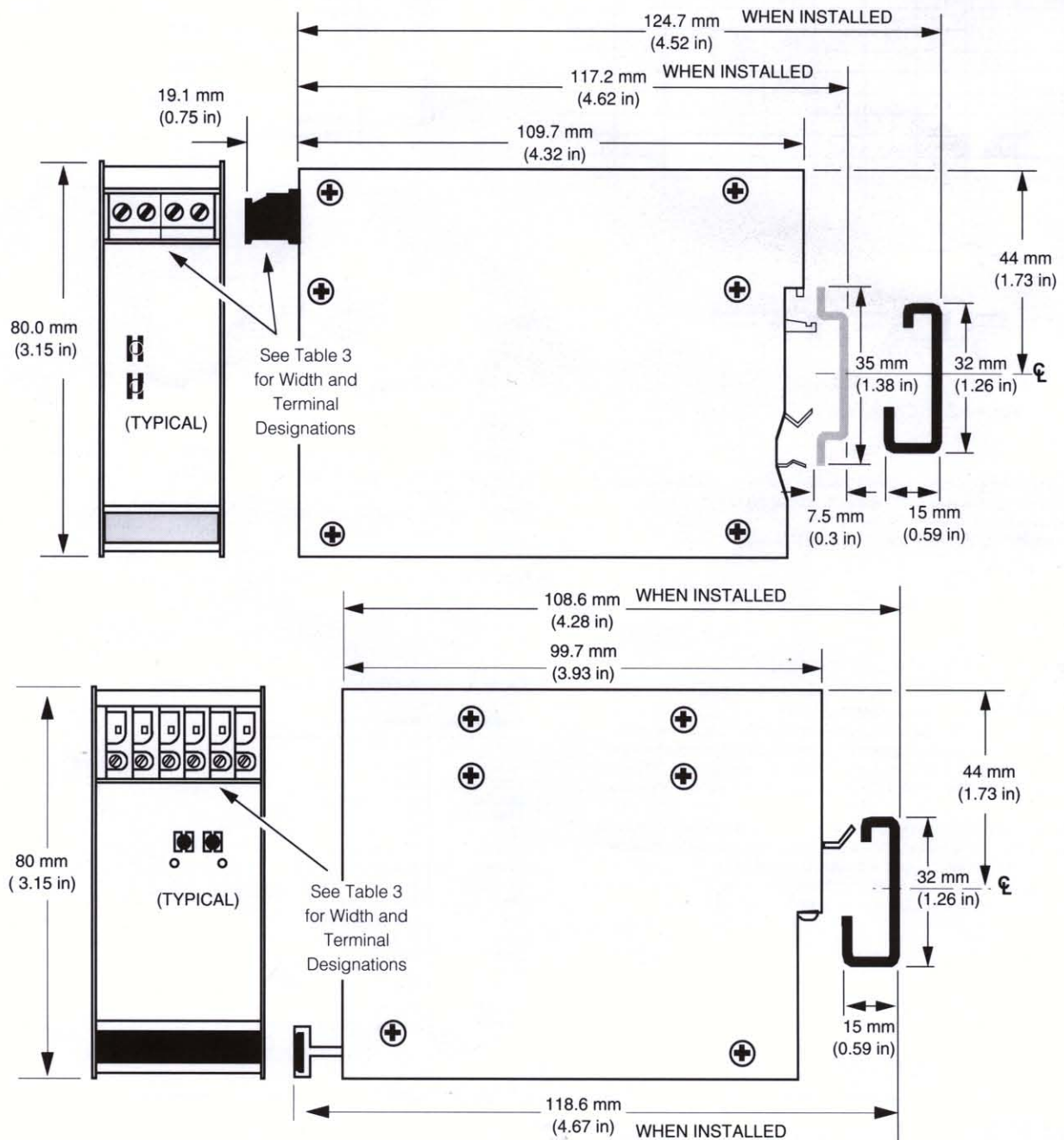


Figure 1. Installation Dimensions for DIN-Style Housings.

Table 1. Terminal Designations

Model (option)	1	2	3	4	5	6	7	8	9-11
ACX	CT/PT		CT/PT		+PS	-PS			
ALX	+IN	-IN	+L	P-					
ALX (-MR)	+IN	-IN	RS	RS	+L	P-			
DPS240	GND	AC	ACC	+OUT	+OUT	+OUT	+OUT	-OUT	-OUT
DPS1200	GND	AC	ACC	The DPS1200 has 8 polarized 2-position connectors for (+ and -) dc outputs.					
DVX	+IN	-IN							
FDX	+IN	-IN		+SS	+PS	-PS			
EP-FDX	+IN	-IN			+PS	-PS			
EP-RBX	A	B	C		+PS	-PS			
EP-TCX	+IN	-IN	+PS	-PS					
ITX	+IN	-IN	FR	CAL	RS	RS			
MXV	+IN	-IN			+PS	-PS			
RBX	A	B	C		+PS	-PS			
RBX (-DT)	AH	BH	AL	BL	+PS	-PS			
RIX	C	B	A	D	+PS	-PS			
SCX	+IN*	-IN*	+OUT*	-OUT*					
SRX	+IN	-IN	+OUT	-OUT					
TCX	+IN	-IN		+PS	-PS				

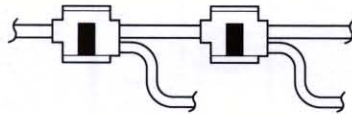


Figure 2. T-Connector

NOTES:

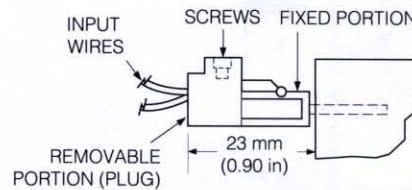
1. This connector is recommended for power bussing. It allows power common to be one wire with individual unit wiring branching off where needed.
2. Connector is MII P/N 800-108-27 and 3M P/N 558.

NOTES:

1. Dimensions and terminal designations for some units are covered on the individual product data sheets.
2. All information on this data sheet refers to aluminum non-pneumatic DIN-style units. For information on aluminum DIN-style housings for pneumatic units (IPT, PIT, PSA and SVX) and thermoplastic DIN-style housings (DDA, RDA, TDA, ECA and ECT) see the individual product data sheets.
3. Refer to Figure 3 (back page) for details of the removal terminal block (-RTB) option. This option adds a two-piece wire connector to allow input wiring to be unplugged without the use of tools.
4. Probes used with front panel test jacks (when present) must be no more than 2.0 mm (0.08 in) in diameter and 12.7 mm (0.50 in) long.

Table 2. Key to Abbreviations

Key	Definition
A, B, C	RTD or potentiometer inputs
AC	Ac hot
ACC	Ac common
AH, BH	High RTD input
AL, BL	Low RTD input
CAL	Calibration
CT/PT	Current transformer or potential transformer
DT	Differential temperature input signal (RBX only)
FR	Solid-state contact switch
GND	Earth ground
±IN	Signal input
±IN*	*Signal input & power supply (SCX only)
±OUT	Power supply & current output
±OUT*	*Signal output (SCX only)
±PS	Power supply & current output
RS	Reset
SS	Sensitivity select resistor terminals
+L P-	+IN to SS Solid state switch



NOTES:

1. The -RTB option adds a 2-piece wire connector. This allows the input wiring to be unplugged without the use of tools while maintaining polarity.
2. Plug has screw-clamp connections and accepts 22-14 AWG wire. Strip wire 12.7 mm (0.50 in).

Figure 3. Removable Terminal Block (-RTB) Option

Table 3. Width Dimensions for DIN-Style Units

Unit (option)	Width
ACX	35.6 mm (1.4 in)
ALX	25.4 mm (1.0 in)
ALX (-MR)	35.6 mm (1.4 in)
DPS240	66.0 mm (2.6 in)
DPS1200	143 mm (5.63 in)
DVX	57.9 mm (2.28 in)
EP-FDX	35.6 mm (1.4 in)
EP-RBX	35.6 mm (1.4 in)
EP-TCX	35.6 mm (1.4 in)
FDX	35.6 mm (1.4 in)
ITX	57.9 mm (2.28 in)
MXV	35.6 mm (1.4 in)
RBX	35.6 mm (1.4 in)
RIX	35.6 mm (1.4 in)
SCX	25.4 mm (1.0 in)
SRX	25.4 mm (1.0 in)
TCX	35.6 mm (1.4 in)