Lovato electric

ENERGY AND AUTOMATION

DMED100T1 DATASHEET



DMED100T1

Order code	Description	Qty per pkg	Wt
		n°	[kg]
Digital meter, with LCD screen.			
DME D100 T1	40A direct connection, 1U 1 pulse output, 220...240VAC	1	0.086

Operational characteristics

- Nominal supply voltage:
  - 220...240VAC for DME D...T1
  - 110...120AC for DME D...T1 A120
- Voltage range:
  - 187...264VAC for DME D...T1
  - 93...132VAC for DME D...T1 A120
- Direct connection
- Maximum current: 40A for DME D100 T1, DME D110 T1..., DME D115 T1; 63A for DME D120 T1 – DME D121 – DME D122 – DME D130LM
- Active energy measurement and accuracy: Class 1 (IEC/EN 62053-21)
- Reactive energy measurement and accuracy: Class 2 (IEC/EN 62053-23)
- Metrological LED with pulse emission for consumption indication
- Clearable partial energy measurement
- One output: pulse for DME D100 T1; programmable static for all other types
- Built-in RS485 port for DME D121; compatible with Synergy e Xpress
- Built-in M-Bus port for DME D122
- Modular housing: 1 module for DME D100 T1, DME D110 T1; 2 module for all other types
- Sealable terminal blocks, standard supplied
- EN degree of protection: IP40 on front; IP20 at terminals.

Certifications and compliance

Certifications obtained: EAC; UL Listed, for USA and Canada (File E346886), as Electrical Process Control Equipment - Energy meters, for DME D100..., DME D110..., DME D120..., DME D121 types.
Compliant with standards: IEC/EN 61326-1 for DME M... type; IEC/EN 50470-1, IEC/EN 61010-1 for DME D... types; UL 61010-1, CSA C22-2 n° 61010-1 for DME D100...,