

BETA Measuring Three-Phase Measuring Devices

Product overview

Overview

Devices	Field of application		Standards	Used in		
				Non-residential buildings	Residential buildings	Industry
	Multimeters	Display of 23 electrical measured values for switchgear assemblies, infeed or outgoing feeders. Easy commissioning due to fault detection if connected incorrectly.	IEC 60051-2, EN 60051-2 IEC 61010-1, EN 61010-1 (VDE 0411 T 1)	✓	--	✓
	Multicounters	Display of 35 electrical measured values and consumption values in switchgear assemblies, infeed or outgoing feeders. Easy commissioning due to fault detection if connected incorrectly. Transmission of measured values over Profibus DP, Modbus RTU or LAN.	IEC 60051-2, EN 60051-2 IEC 61010-1, EN 61010-1 (VDE 0411 T 1) IEC 62053-21, EN 62053-21 (VDE 0418 T 3-21)	✓	--	✓
	LAN couplers	Up-to-date consumption data of the multicounter and E-counter available worldwide over LAN data communication. Microsoft Excel operator interface. Signaling of limit violations with time stamp.	IEEE 802	✓	--	✓
	E-counters	Measurement of consumption data and plant capacity utilization in three-phase systems of system components, offices or holiday apartments. Transmission of measured values over LAN using LAN couplers.	IEC 61010-1, EN 61010-1 (VDE 0411 T 1) IEC 62053-11, EN 62053-11 (VDE 0418 T 3-11) IEC 62053-21, EN 62053-21 (VDE 0418 T 3-21)	✓	✓	✓
	E-counters <i>instabus KNX EIB</i>	Measurement of consumption data and plant capacity utilization in three-phase systems of system components, offices or holiday apartments. Transmission of measured values over <i>instabus KNX EIB</i> interface	IEC 61036 EN 61036 (VDE 0418 T7)	✓	--	✓
	Current transformers	Straight-through transformers for installation in distribution boards and non-contact measuring of primary currents. Ideal for combining with switch disconnectors, multimeters, multicounters and E-counters.	IEC 60044-1, EN 60044-1 (VDE 0414 T 44-1)	✓	--	✓
	Measuring selector switches	For switching over the phases for voltmeters and ammeters		✓	--	✓