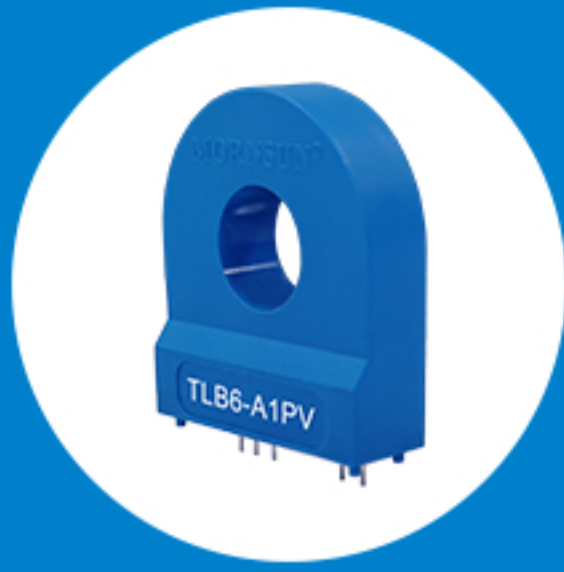


Residual Current Transducer **TLB Series**



Features



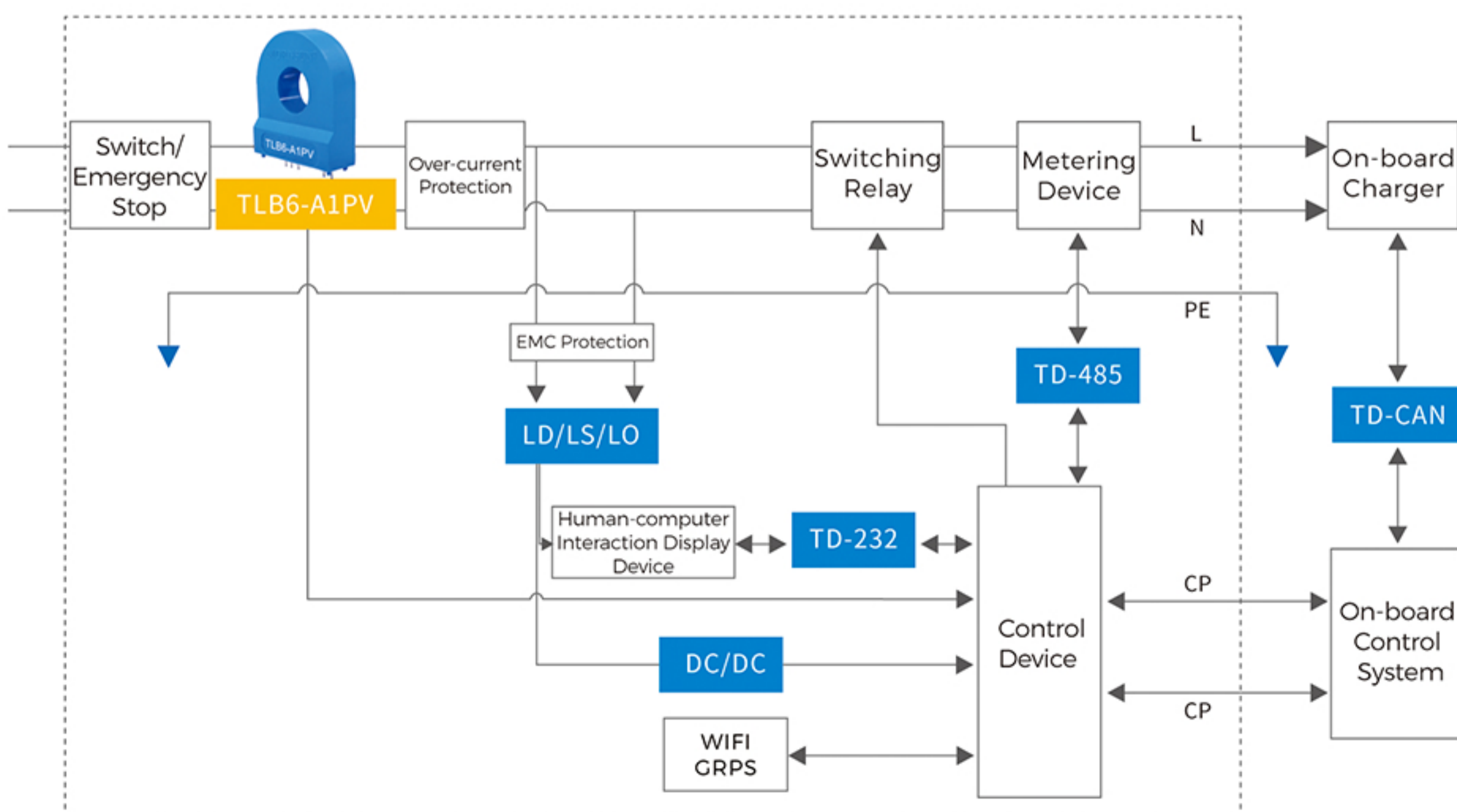
Setting higher standards based on existing standards



Type A + Smooth DC of 6mA current detection, high reliability














- Meet IEC 62752, IEC 62955 standards
- Proprietary IC, dependable delivery
- Autonomous magnetic recovery technology, surge current capability up to 5,000 A
- High response speed: 6mA smooth DC residual current detection, excellent accuracy
- Strong resistance to electromagnetic interference, suitable for harsh environments
- Test equipment or simple test boards available for performance verification

Applications



Typical Application: EV Charging Station

Selection Guide

Product Type	Part No.	Input Voltage Range	Rated Residual Current	Dimension (mm)(LxWxH)	Package	Standards	Datasheet
Residual Current Transducer For EV Charging Station	TLB6-A1PV	4.85-5.15VDC	DC:6mA,AC:30mA	13.20 x 40.00 x 45.00	PCB mounting	IEC 62955, IEC 62752	
	TLB6-A1PD		DC:6mA,AC:30mA	13.20 x 40.00 x 45.00	PCB mounting	IEC 62955, IEC 62752	
	TLB6-A1PC		DC:6mA,AC:30mA	13.20 x 40.00 x 45.00	Wiring type	IEC 62955, IEC 62752	
	TLB6-A1SVE		DC:6mA,AC:30mA	26.60 x 28.30 x 23.60	PCB mounting with Bus-Bar	IEC 62955, IEC 62752	
	TLB6-A1PCE		DC:6mA,AC:30mA	51.00 x 45.70 x 20.90	Wiring type	IEC 62955, IEC 62752	
	TLB6-A1PVE		DC:6mA,AC:20mA	31.50 x 38.50 x 13.50	PCB mounting	IEC 62955, IEC 62752	
Residual Current Transducer For EV Charging Station (three-phase products)	TLB6-A1TDM	4.85-5.15VDC	DC:6mA,AC:30mA	34.00 x 49.00 x 23.00	PCB mounting with Bus-Bar	IEC 62955, IEC 62752	
	TLB6-A1TDMK		DC:6mA,AC:30mA	34.00 x 49.00 x 23.00	PCB mounting with Bus-Bar	IEC 62955, IEC 62752	
	TLB6-A1PDM		DC:6mA,AC:30mA	34.00 x 49.00 x 23.00	PCB mounting with Bus-Bar	IEC 62955, IEC 62752	
	TLB6-A1PDMK						
	TLB6-A1TDF		DC:6mA,AC:20mA	34.45 x 49.05 x 21.10	PCB mounting with Bus-Bar	IEC 62955, IEC 62752	
	TLB30-A2TDM		DC:6mA,AC:6mA	34.00 x 49.00 x 23.00	PCB mounting with Bus-Bar	UL2231	
	TLB56-A2TDM						
Residual Current Transducer For PV	TLB100-G1PV	4.85-5.15VDC	100mA	26.60 x 28.30 x 23.70	PCB mounting	UL1741	
	TLB300-G1PV		300mA	26.60 x 28.30 x 23.70	PCB mounting	UL1741	
Residual Current Transducer For Low Voltage Equipment	TLB30-D3	220V(single-phase) 380V(three-phase)	30mA	36.66 x 28.46 x 22.30	On-board type	GBT22794	
	TLB100-D3		100mA	36.66 x 28.46 x 22.30	On-board type	GBT22794	
	TLB300-D3		300mA	36.66 x 28.46 x 22.30	On-board type	GBT22794	



* Small size with compact design, multiple packages and primary side forms to meet different board layout and installation requirements.