



INSTRUMENT TRANSFORMERS

Dry Type Instrument Transformers

Medium Voltage Current Transformer Indoor up to 24 kV: Support Type Current Transformer for Switchgear type CEL



Type CEL



Type CExL

Technical data

Description	CEL-7.2	CEL-12	CEL-24	CEL-36
Highest system voltage (kV)	7.2	12	24	36
Power frequency withstand voltage (r.m.s.) (kV)	20	28	50	70
Lightning impulse withstand voltage (peak) (kV)	60	75	125	170
Rated frequency (Hz)	50			
Insulating material	Epoxy resin			
Rated primary current (A)	10-1,200			
Rated secondary current (A)	1, 5			
Primary terminal marking	P1-P2, K-L		P1-P2, H1-H2	
Secondary terminal marking	s1-s2, k-l		s1-s2, x1-x2	
Number of core (Core)	Up to 2		Up to 3	
Accuracy class & Burden	50VA Class 0.5, 100VA Class 1, 200VA Class 3			
- Metering	50VA Class 5P20, 100VA Class 5P10, 200VA Class 10P10			
- Protection				
Rated short-time thermal current I _{th} , r.m.s. (1 sec) (kA)	40 (Max)			
Rated dynamic current I _{dyn} , r.m.s. (1 sec) (kA)	2.5 x I _{th}			
Rated continuous thermal current (%)	120			
Weight (approx.) (kg.)	25		34	
Standard	IEC61869-2 / IEEEC57:13-2008			

Medium Voltage Current Transformer Outdoor up to 36 kV: Support Type Current Transformer for Pole Mount Installation Type CExL

Technical data

Description	CExL-7.2	CExL-12	CExL-24	CExL-36
Highest system voltage (kV)	7.2	12	24	36
Power frequency withstand voltage (r.m.s.) (kV)	20	28	50	70
Lightning impulse withstand voltage (peak) (kV)	60	75	125	170
Rated frequency (Hz)	50			
Insulating material	Cycloaliphatic epoxy resin			
Rated primary current (A)	5 –800			
Rated secondary current (A)	1, 5			
Primary terminal marking	P1-P2, H1-H2			
Secondary terminal marking	s1-s2, x1-x2			
Number of core (Core)	1			
Accuracy class & Burden	50VA Class 0.5, 100VA Class 1, 200VA Class 3			
- Metering				
Rated short-time thermal current I _{th} , r.m.s. (1 sec) (kA)	40 (Max)			
Rated dynamic current I _{dyn} , r.m.s. (1 sec) (kA)	2.5 x I _{th}			
Rated continuous thermal current (%)	120			
Weight (approx.) (kg.)	25			
Standard	IEC61869-2 / IEEEC57:13-2008			