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NO	MODEL	IEC61000-4-4 EFT 에 시험장비는 다음과 같습니다. 원하시는 규격으로 확장이 가능합니다.(정전기/서지/Dip 등 가능).
1		**TRA3000 BASE EFT TEST**
	TRA3000 F	<Related with Generator TRA3000> TRA3000 Version: Electric Fast Transient, IEC 61000-4-4 Ed.2EFT (4.4kV), 1MHz burst.
	TRA3000 F5	<Related with Generator TRA3000> TRA3000 Version: Electric Fast Transient, IEC 61000-4-4 Ed.2EFT (5.1kV), up to 1MHz spike rate.
2		**TRA2006 BASE EFT TEST**
	TRA2006 F-S	<Related with Generator TRA2000> Formerly TRA2000IN6. Version. EFT (4.4kV), 1MHz burst IEC 61000-4-4; SURGE 1.2/50µs (6.1kV), 8/20µs (3.05kA), IEC 61000-4-5.
		IMU3000 BASE EFT TEST 5kV or 6KV
	IMU3000 F5	<Related with Generator IMU3000> IMU3000 Version: Electric Fast Transient, IEC 61000-4-4 Ed.3 EFT (5.1kV), 1MHz burst.
	IMU3000 F6	<Related with Generator IMU3000> IMU3000 Version: Electric Fast Transient, IEC 61000-4-4 Ed.3 EFT (6.1kV), 1MHz burst.
3		**Accessory to EFT**
	CN-EFT1000	<Related with Accessories TRA> Capacitive coupling clamp 100 Ohm according to IEC 61000-4-4
	CDN2000A-06-32	<Related with Accessories TRA>Three phase CDN with line voltages L to N/PE=280V and L to L=415V, line current 32A per phase. Automatic coupling path selection for EFT, SURGE and RING controlled by TRA2000,TRA2004, TRA2006, TRA3000 and MIG0603INx with SN > 199. (삼상 시험을 위한 솔루션)
	TEMA3000	<Related with Software Accessories> TEst MAnager (TEMA3000). Comfortable control of genarators with EPOS operating system as IMU3000: Further software modules available; DSO, LIBRARY, SEQUENCE TEST and PROTOCOL. Each SN requires one "ENTRY CODE = one TEMA3000 Software".



Main features

- 터치판넬을 이용한 쉬운 작동/프로그래밍
- Generator output-port 의 변경이 일괄시험
- Fully Modular Design & Upgrade on Site
- TEMA3000 S/W 를 이용한 Sequence 시험
  Programming, Control and Reporting by PC
- Ethernet & Web Seveer & USB PC 제어
- 16A built-in CDN (280Vac or 300Vdc)
- Surge 8kV & EFT 6kV
- 20 여개의 CDN 을 3phase/Dataline 시험 확장

EMC-PARTNER PMM narda HPPI tsj HUBER+SUHNER FCC maturo
SCHWARZBECK MESS-ELEKTRONIK SONOMA INSTRUMENT FLUKE NF Agilent Technologies EMSCAN YOKOGAWA

전기적 빠른 과도현상(EFT)

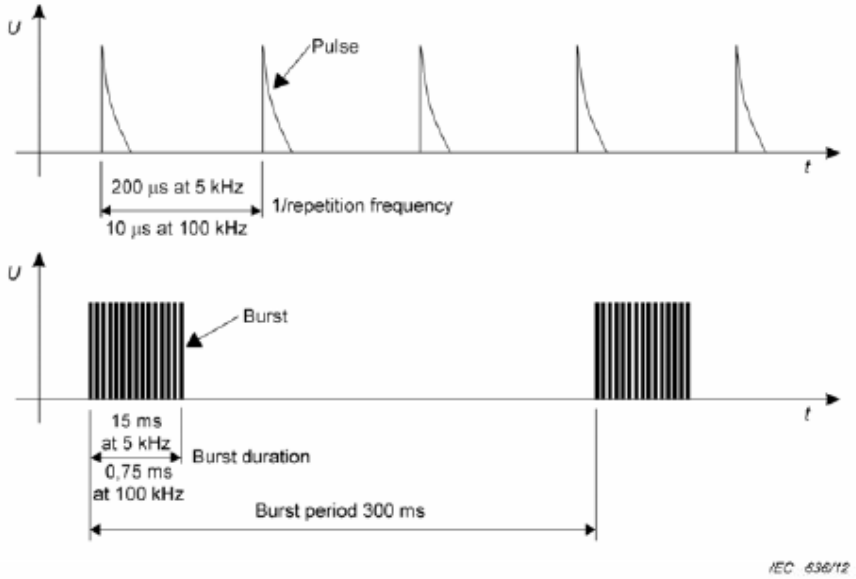


Figure 2 – Representation of an electrical fast transient/burst

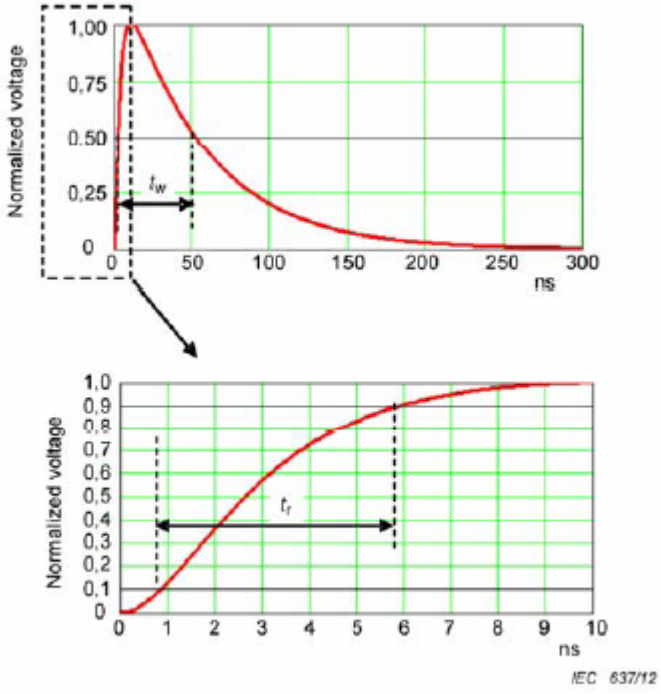


Figure 3 – Ideal waveform of a single pulse into a 50 Ω load with nominal parameters t_r = 5 ns and t_w = 50 ns

EFT (IEC TEST LEVEL & TEST SetUp)

IEC 61000-4-4
ELECTRIC FAST TRANSIENT (EFT)

Open Circuit output test voltage and repetition frequency of the impulses

Level	Power ports, earth port (PE)		Signal and control ports	
	Voltage peak kV	Repetition frequency kHz	Voltage peak kV	Repetition freuqency kHz
1	0,5	5 or 100	0,25	5 or 100
2	1	5 or 100	0,5	5 or 100
3	2	5 or 100	1	5 or 100
4	4	5 or 100	2	5 or 100

