

Trigger unit - VAM3TD

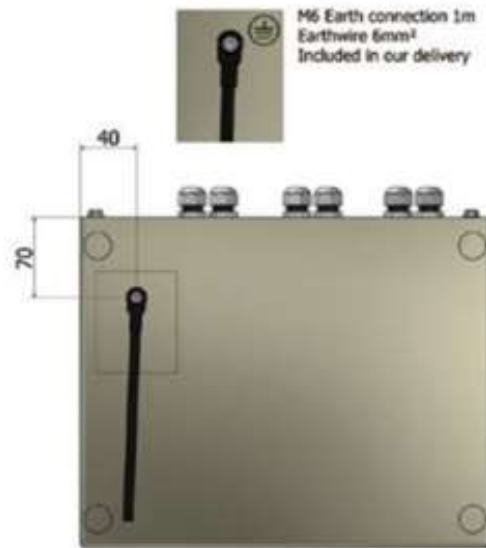
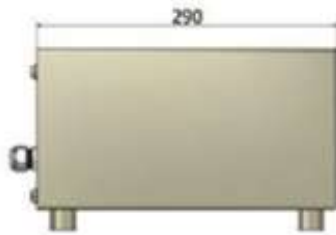
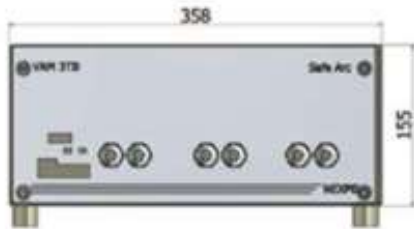


TRIGGER UNIT

- Energy stored in a capacitor bank
- Triggers VAM3ED eliminator unit
- Controlled by VAMP 321
- Thomson coil based triggering device
- Self diagnostic function

Dimensional drawings

VAM3TD



Technical data

1. Auxiliary power supply

Rated voltage U_{aux}	24 Vdc
Power consumption	<15 W
Terminal : fixed terminal	Maximum cross-section area of wire 2.5mm ²

2. Tests and environmental conditions

■ Disturbance tests

Emission	IEC 61000-6-4
Conducted transients	IEC 55011
	0.15 – 30 MHz
Emitted transients	IEC 55011
	30 – 1000 MHz
Immunity	IEC 61000-6-2
Static discharges (ESD)	IEC 61000-4-2 class III
	6 kV breaking capacity
	8 kV air discharge
Fast transients (EFT)	IEC 61000-4-4 class III
	2/1 kV 5/50 ns, 5 kHz, +/-
Surge	IEC 61000-4-5, Class III
	2 kV, common mode
	1 kV, differential mode
Conducted high-frequency field	IEC 61000-4-6
	0.15 ... 80 MHz, 10 V
Emitted high-frequency field	IEC 61000-4-3
	80 ... 2000 MHz, 10 V
EMC test	CE approved

■ Test voltages

Rated dielectric withstand voltage	2 kV, 50 Hz, 1 min
Rated impulse withstand voltage IEC60255-	5 kV, 1.2/50 μ s, 0.5 J

■ Environmental conditions

Operating temperature range	-10 ... +55°C
Relative air humidity	<75% (1 year, average)
	95% (30 days per year, condensation not)
Housing class (IEC60529)	IP20
Dimensions (WxHxD)	355 x 175 x 290 mm
Material	1.5 mm steel plate
Weight	8.5 kg
Connection between VAM3TD and	6 x 9mm cable (included)

Ordering code

VAM3TD	Trigger unit for VAM3ED
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