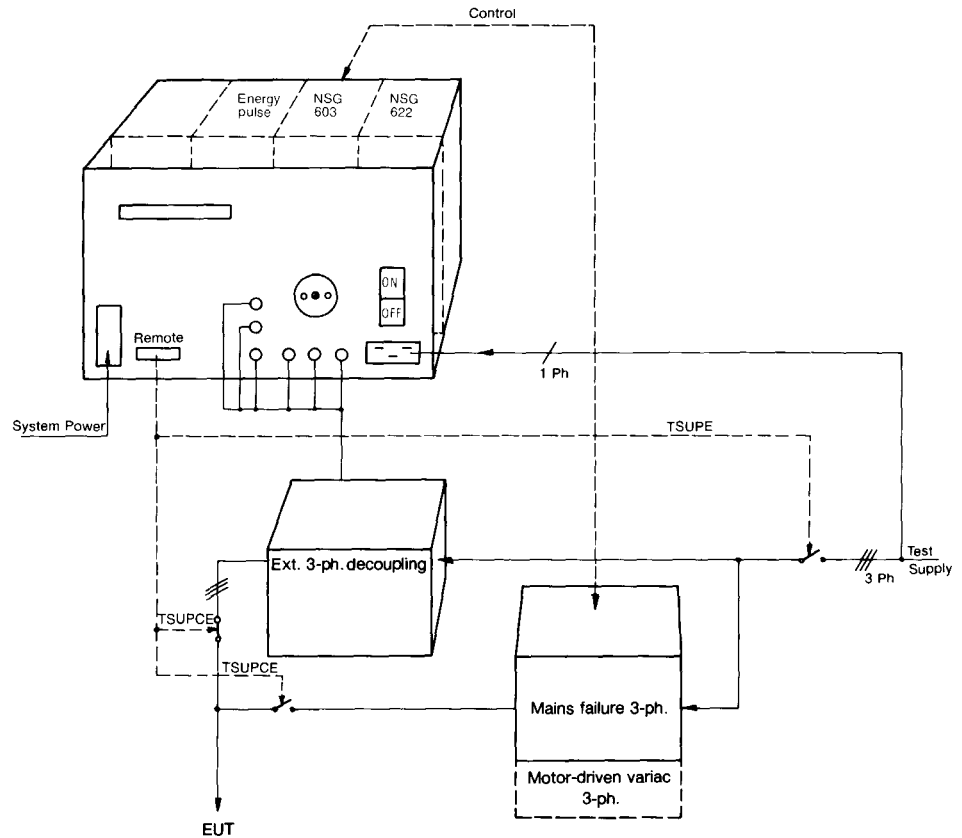


Example of a 3-phase (or single-phase) system set-up I > 16 A



5 Technical Data of System / Main Frame NSG 600

The main frame NSG 600 for interference systems contains the central supply, operating controls for system control, test object connection with pulse decoupling, provisions for RS 232C connection and system extension. To operate the system at least one plug-in is required.

Construction: Bench-top case 19", 6 HE, 84 TE

Width 448 mm (rack mounting possible)

Height 266 mm

Depth 455 mm (without handles)

Weight approx. 21 kg

Possible <i>plug-in units</i>	1 to 4 pcs 6 HE/21 TE/T = 280 mm Double width plug-ins (42 TE) can be used after removing middle guide rails.
System supply	110/220 V \pm 20%, 50 to 60 Hz – switchable on main frame (FN 390) – connection via 6 A equipment plug IEC 320/IV
Test object supply	12 to 264 VAC at 15 Hz to 65 Hz 16 A max 12 to 264 VAC at 65 Hz to 500 Hz 6 A max 5 to 50 VDC 16 A max – Connection via 16 A equipment plug – Output MC safety banana sockets and mains socket depending on country (exchangeable) – Test object adapter of system NSG 200 can be used
<i>Pulse decoupling / mains superposition</i>	
	– integrated for pulses with rise times of \geq 5 ns and pulse widths of \leq 50 μ s. For further requirements external set-up or integration in a plug-in possible.
<i>HV pulse output</i>	Pulses without superposition to mains Fischer 5 kV coaxial socket (same as system NSG 200)
<i>Remote control connection</i>	RS 232C for automatic test run from control computer. The free pins are used for system extension and supply for the opto link/RS 232C. IEEE bus connection can be easily achieved by means of an external interface (coupling).
<i>Withstand voltage system 600 (coupling)</i>	
	Pulse 1.2/50 μ s \leq 5 kV peak AC 50/60 Hz \leq 2 kV rms DC \leq 2.5 kV
<i>Temperature range</i>	operation +5 to +40 °C storage -10 to +50 °C