



# Electrical connection

All mixers can be connected to all types of supply networks, taking due account of the grid connection requirements that follow from these (protective earthing, requisite extra precautions, etc.).

Earth leakage protection must be installed by the electrician before the mixer.

Earth all mixers.

### TN network

In a TN earthing system; Interconnection and earthing of exposed conductive parts and the neutral are mandatory.

Protection; Interruption for the first fault using overcurrent protection (circuit-breakers or fuses).

### TT network

Use of an earth-leakage circuit breaker (RCD, HPFI) must comply with the national and local regulations. The following mixers must be installed with an earth-leakage circuit breaker before the mixer.

<b>Network types:</b>
<b>TN network:</b> installation earthed with a supply transformer
<b>TT network:</b> installation earthed with a local earth electrode
<b>IT network:</b> network isolated from earth (ships, drilling rigs)

Machines	Industrial environment	Residential, office, light industry
Teddy 5L AR30 AR40 AR60 AR80 AR100	PFI type A	HPFI type A
Kodiak RN series Ergo series AR200	HPFI type A-SI PFI type B	HPFI-type A-SI

### IT network

Leakage current is not accepted in IT networks. Equipment with a frequency converter is delivered without mains filter.

# Varimixer

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### **Ambient environment**

Max. ambient temperature 45°C

EMC: The mixers meets: Generic standards:

EN 61000-6-1:2007

EN 61000-6-2:2005

EN 61000-6-3:2007

### **General information**

Use an AL/CU through connector if a power cable in aluminium is used.

All mixers are protected against short-circuit and overload.

Protect all mixers with an earth-leakage circuit breaker installed before the mixer.

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