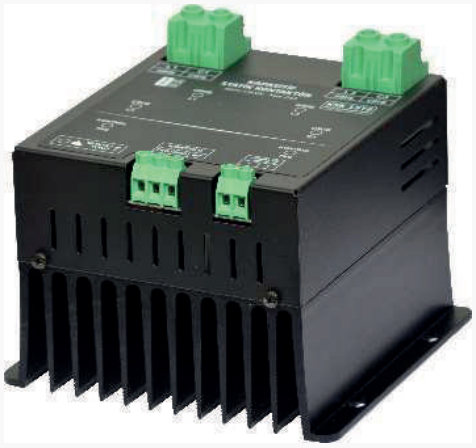
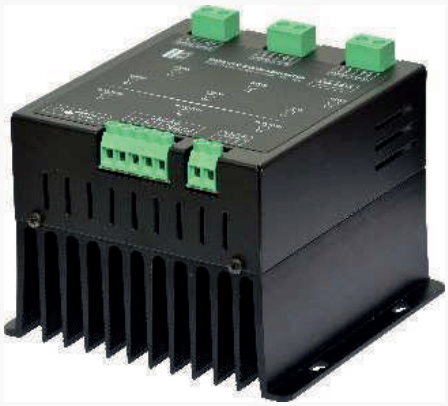
Inductive Static Contactors
User Manual





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Version 21-1

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PROPER USE AND SAFETY REQUIREMENTS

Cut all the power when connecting and disconnecting the device to a panel.

Do not clean the device with a solvent or similar material. Only use a dry cloth.

Please do not intervene to the device when a technical problem is encountered and get in contact with a technical service within the shortest time.

If the warnings are not taken into account, our company or the authorized dealer shall not be held responsible for the negative consequences.

Do not dispose in the trash, the device must be delivered to the collection centers (electronic device recycling centers). It should be recycled or disposed of without harming human health and environment.

The installation, assembly, activation and operation of the device should be done and used by only expert professionals and in accordance with safety regulations and instructions.

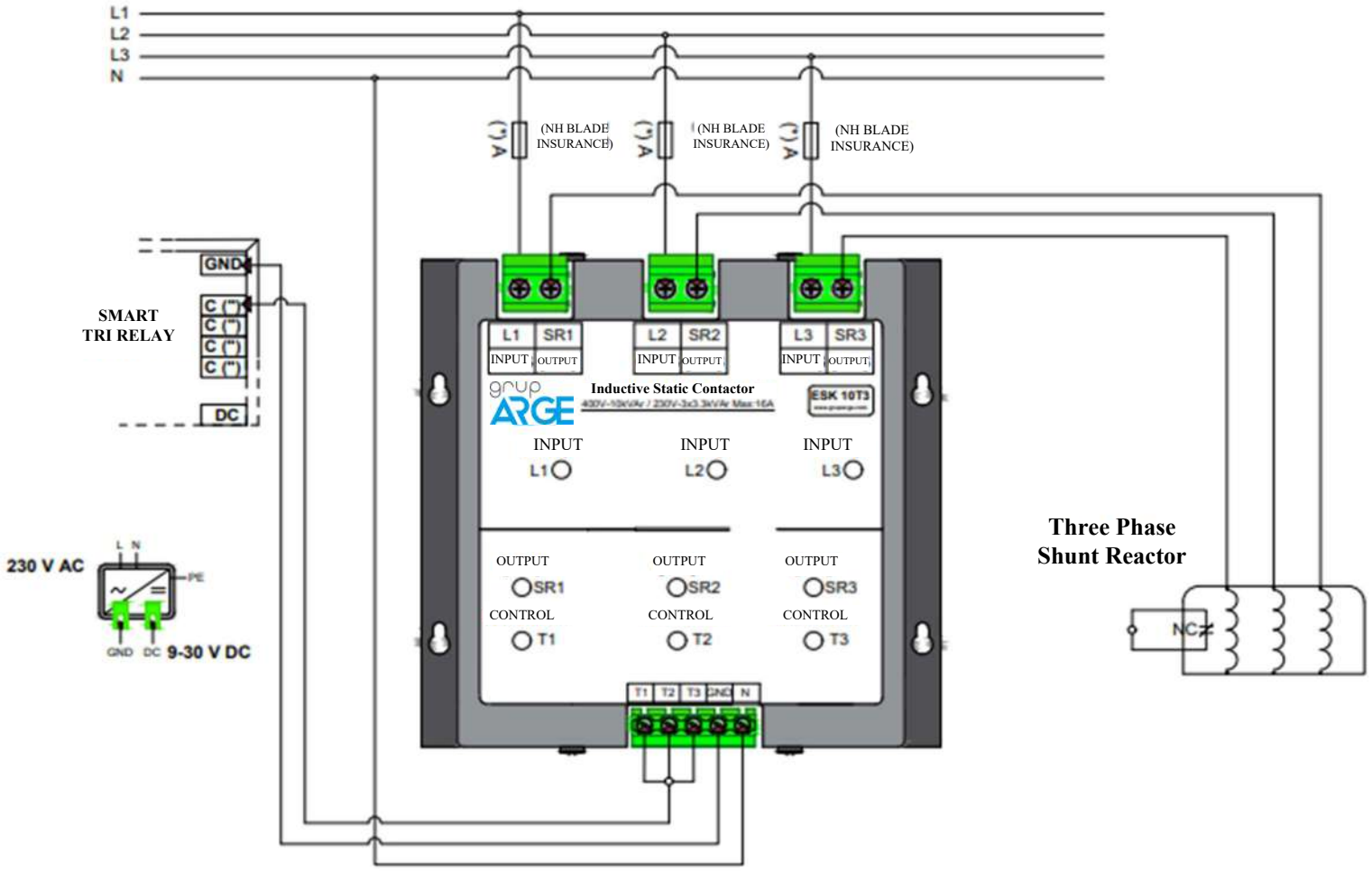
The device operates with current transformers. Do not strictly leave current transformer tips unattached. Dangerous high voltage can occur.

1. Inductive Static Contactors User Manual

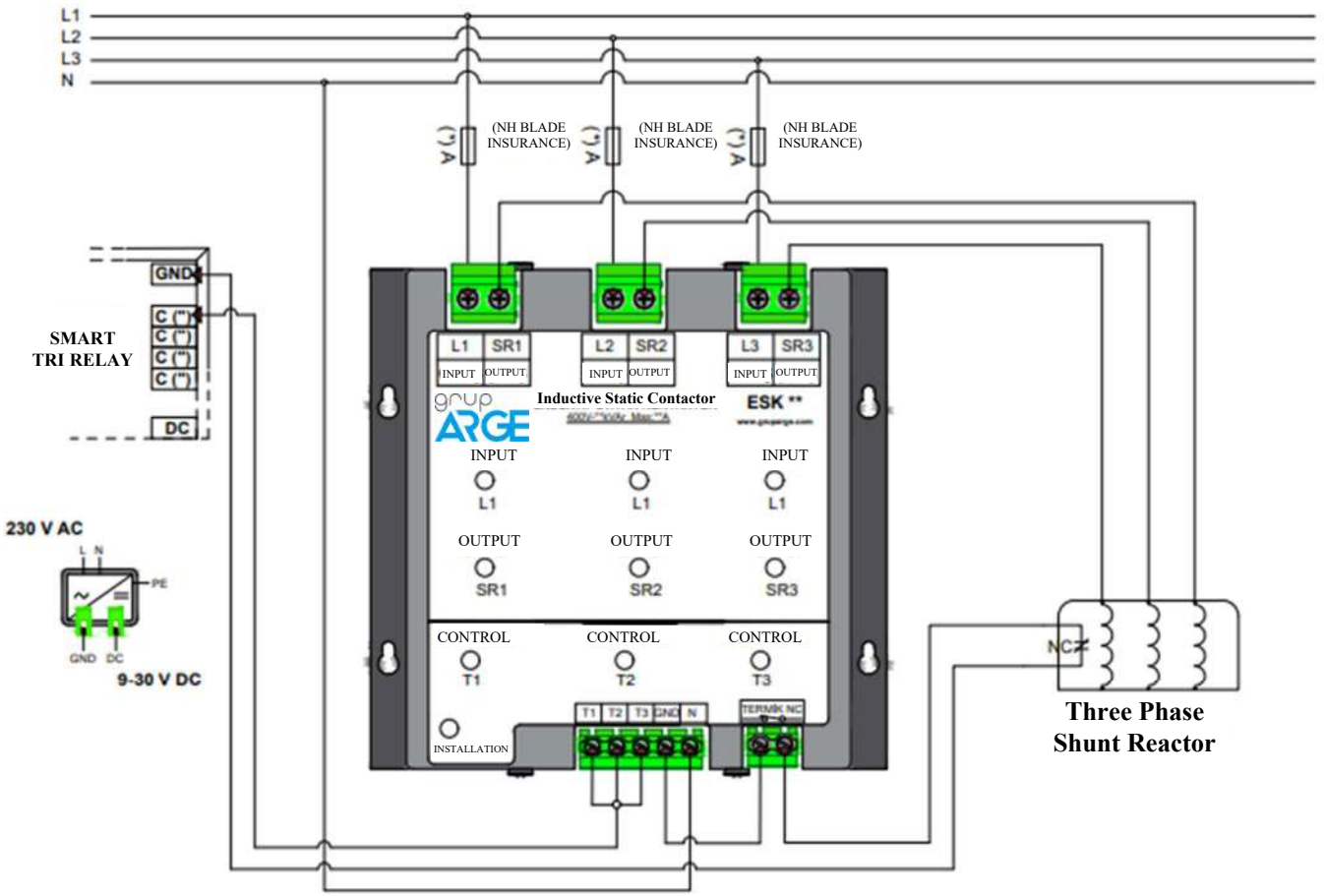
Inductive Static Contactors	Nominal Operating Voltage	Frequency	Maximum Connectable Shunt Reactor Power (400 V)	Maximum Inductive Load	Maximum Usable Fuse Current (A)*	Usable Nominal Cable Cross Section (mm2)	Control Voltage (VDC)	Operating Ambient Temperature (ºC)	Size (Width-Length-Depth)
ESK 10 (GA2221)	400 V	50 Hz	10 kVAr	3 x 3,3 kVAr	25	2.5	9-30V	(-10 ─ +55)	168 x 130 x 132
ESK 20 (GA2222)	400 V	50 Hz	20 kVAr	3 x 6,67 kVAr	50	6	9-30V	(-10 ─ +55)	168 x 161 x 124
ESK 30 (GA2223)	400 V	50 Hz	30 kVAr	3 x 10 kVAr	80	10	9-30V	(-10 ─ +55)	145 x 201 x 141
ESK 50 (GA2224)	400 V	50 Hz	50 kVAr	3 x 16,6 kVAr	125	25	9-30V	(-10 ─ +55)	144 x 209 x 141

- All models have 3 thyristors and are suitable for three-phase use.
- NC (normally closed) thermal control is available for ESK20-30-50.

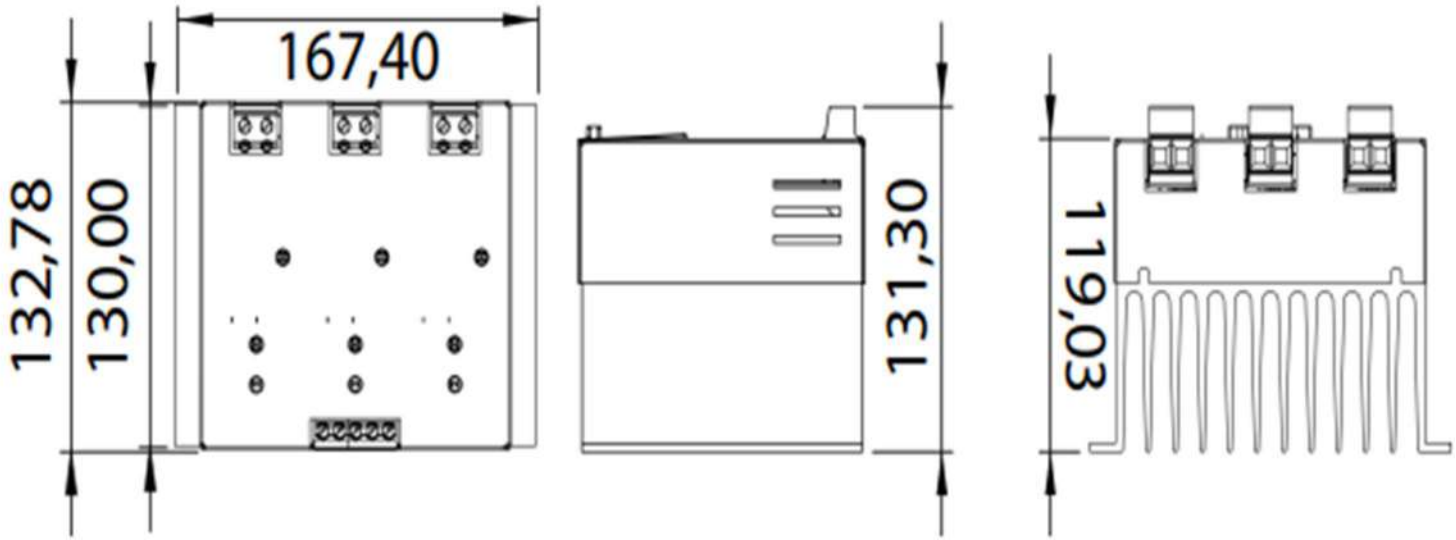
2. Inductive Static Contactor ESK10 Connection Diagram



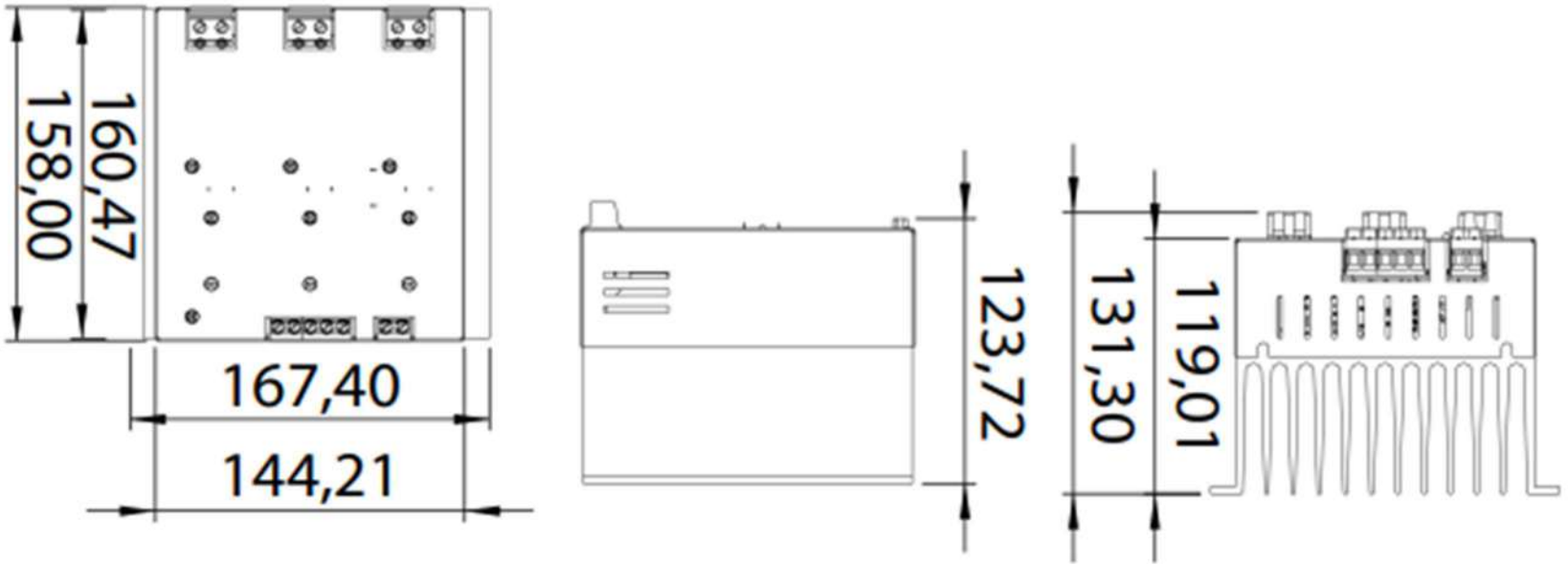
3. Inductive Static Contactor ESK20-30-50 Connection Diagram



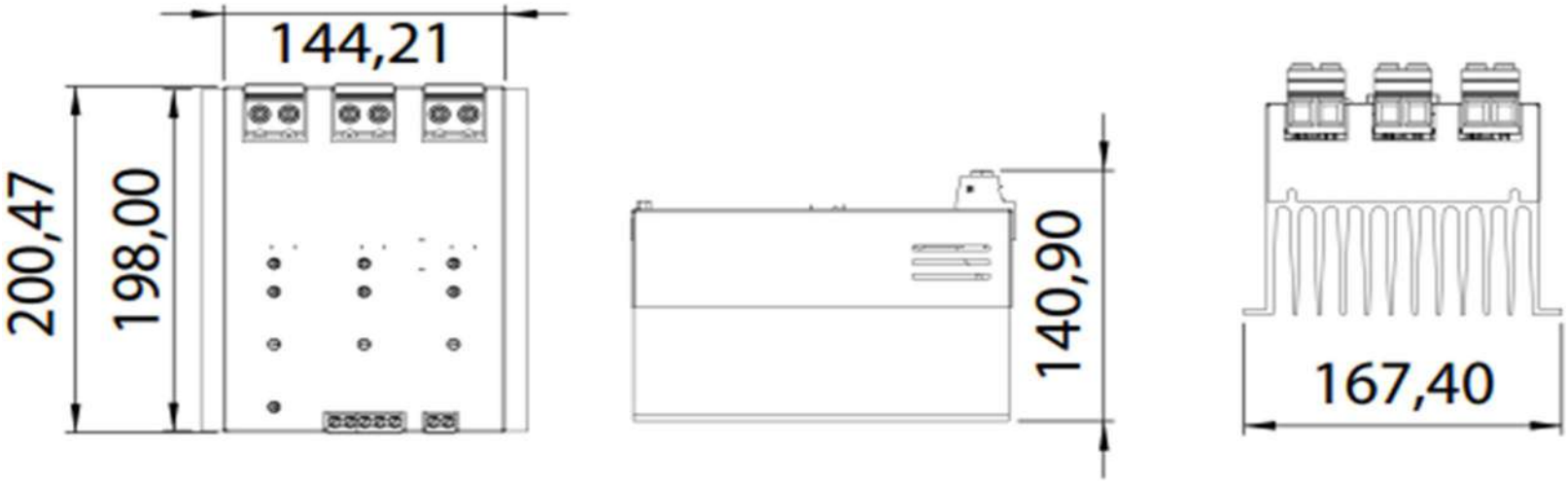
4. ESK 10 Technical Picture



5. ESK 20 Technical Picture



6. ESK 30 Technical Picture



7. ESK 50 Technical Picture