



OPEN JOINT-STOCK COMPANY
«AVTOELECTROARMATURA»
(JSC«AVAR»)



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OPEN JOINT-STOCK COMPANY

Over 45 years JSC «AVAR» has been specializing in development, production and sales of electrical equipment for automotive industry: relays, fuses, mounting and fuse blocks, circuit breakers, light control panels, switches etc.

■ **FOUNDATION YEAR** 1967

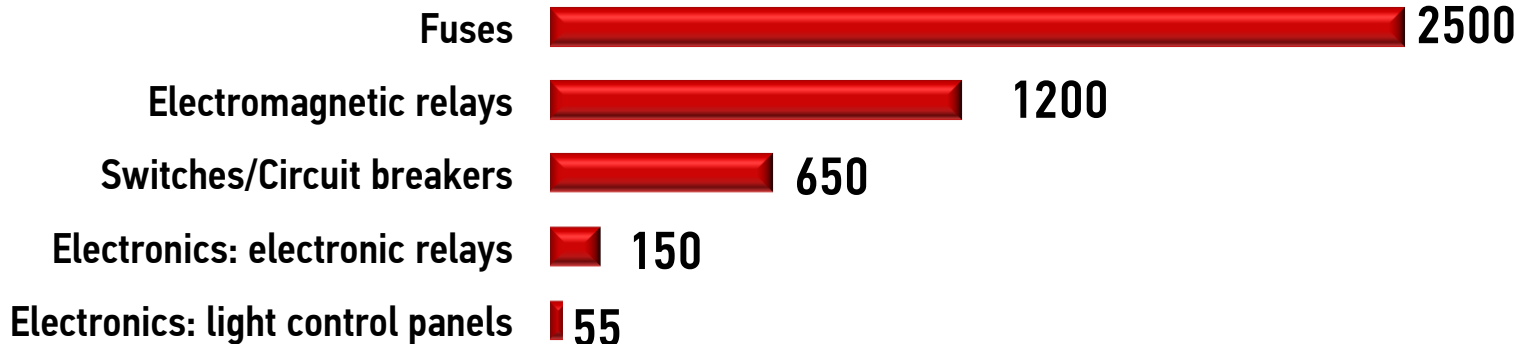
■ **LOCATION OF THE COMPANY** distance from St. Petersburg – 300 km,
from Moscow – 750 km

■ **THE AREA OF THE COMPANY** total area – 84,9 thousands m²,
including production area – 35,9 thousands m²

■ **QUALITY MANAGEMENT SYSTEM** 2015 г. ISO 9001:2008 (DQS GmbH)
2015 г. ISO/TS 16949:2009 (DQS GmbH)

PRODUCTION AND TECHNOLOGIES

PRODUCTION CAPACITY * thousand pcs for month



For the production of automotive components JSC «AVAR» has the following processes:

- Product design
- Injection moulding
- Stamping production
- SMT mounting
- Galvanic details
- Assembly production: manual, semi-automatic and automatic
- Coloring visual surfaces of components, laser drawing characters, pad printing
- Designing and manufacturing industrial equipment

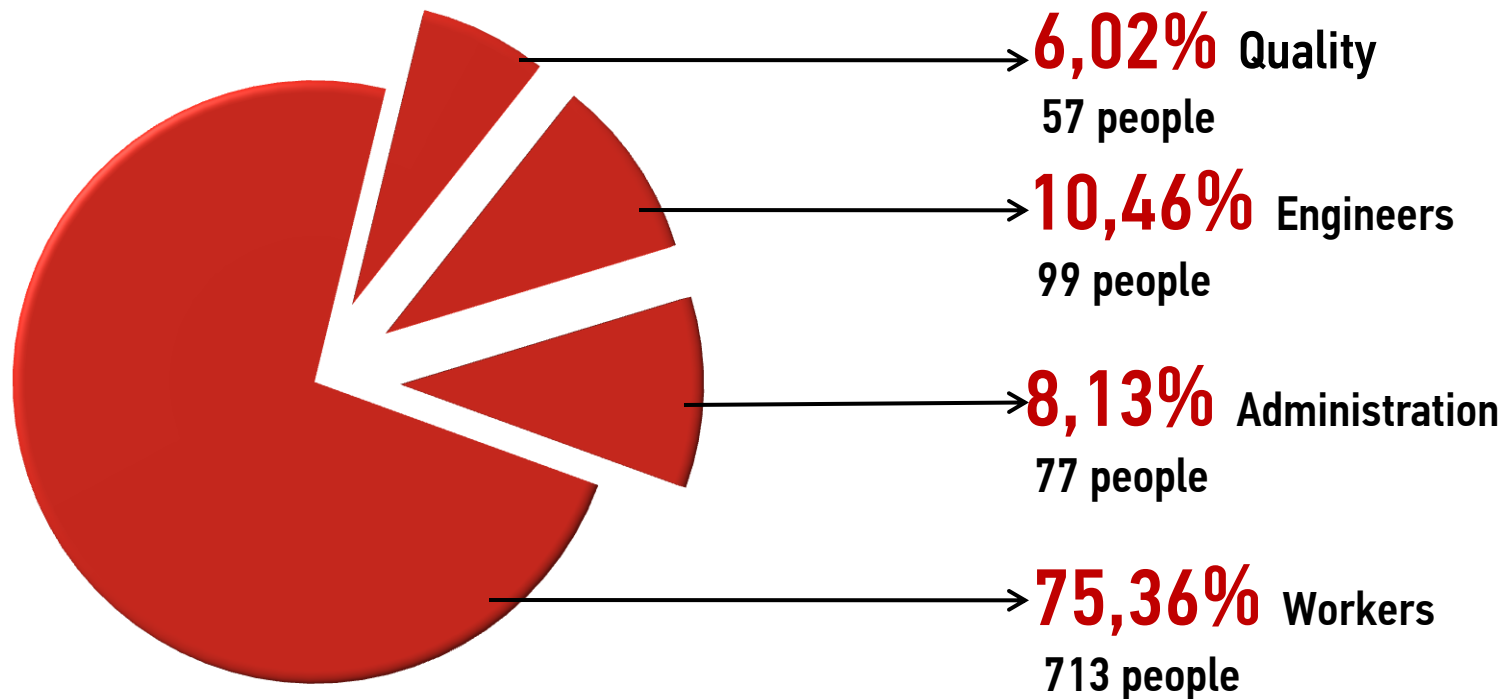
COMPANY STAFF

Any business relies on qualified personnel.

JSC «AVAR» provides the company with competent motivated staff.

Internal and external training is being practiced.

THE NUMBER OF EMPLOYEES FOR THE YEAR 2016 - **946** PEOPLE



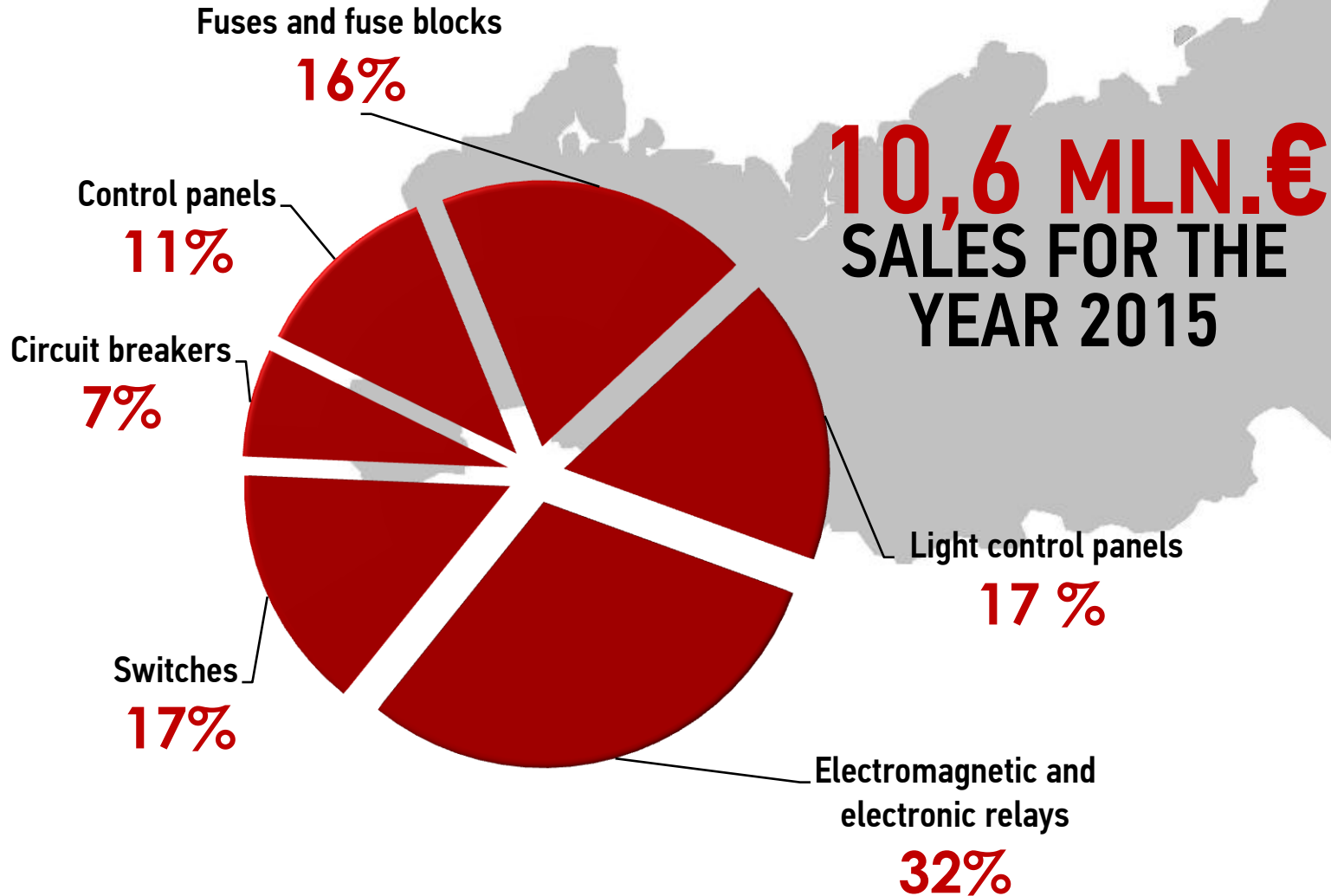
MAJOR CUSTOMERS

Today the electrical equipment for cars and trucks, buses and agricultural equipment produced by JSC «AVAR» are claimed the largest car assembly plants in Russia and CIS.

- AVTOVAZ, Tolyatti
- GM-AVTOVAZ, Tolyatti
- Ural Wiring Systems, Ekaterinburg
- PES / SCC, Samara
- KAMAZ, Naberezhnye Chelny
- UAZ, Ulyanovsk
- GAZ, Nizhny Novgorod
- Combine Plant Rostselmash, Rostov- on-Don
- Minsk Tractor Works, Minsk
- ZAZ, Zaporozhye
- URAL, Miass
- MAZ, Minsk



SUPPLY PATTERN



■ RELAYS

Relays are used for switching electric circuit as an integral part of electrical equipment in any motor vehicle.

JSC «AVAR» is producing more than 20 series different electromagnetic and electronic relays which commutate with current load **5 to 75A** /at short-time duty - up to **120A/** and nominal voltage **12 and 24V**.



■ ELECTRONIC ARTICLES

Electronic articles are intended to commutate electric circuits of various consumers (electric engines, heating elements etc.) depending on the required conditions: time, temperature etc.

JSC «AVAR» is producing interrupters of screen wiper, relays of rear fog lights, control modules of windscreen heating, time relays etc.



■ SWITCHES

JSC «AVAR» is producing more than 20 series of switches which are intended for mounting in: instrument panel, hood space, door jamb, luggage space of vehicles from different manufacturers.

JSC «AVAR» is producing different series of alarm signaling switches which are intended for mounting into instrument panels of vehicles from different manufacturers.



■ CIRCUIT BREAKERS



Circuit breakers are intended to switch on electrical consumers in any vehicle.

Our products are used in window switch, climate control system, exterior lighting control system.

■ LIGHT CONTROL PANELS

Light control panels are intended for switching the electrical control circuits of external lights, headlights, front and rear fog lamps and control lighting level of instrument panels, electric motor drive adjustment of light correctors of headlights in vehicles VAZ, GAZ, UAZ.



■ CONTROL PANELS



Based on the originally designed switches there are control panels.
Depending on the set of components, they are able to perform the following functions:

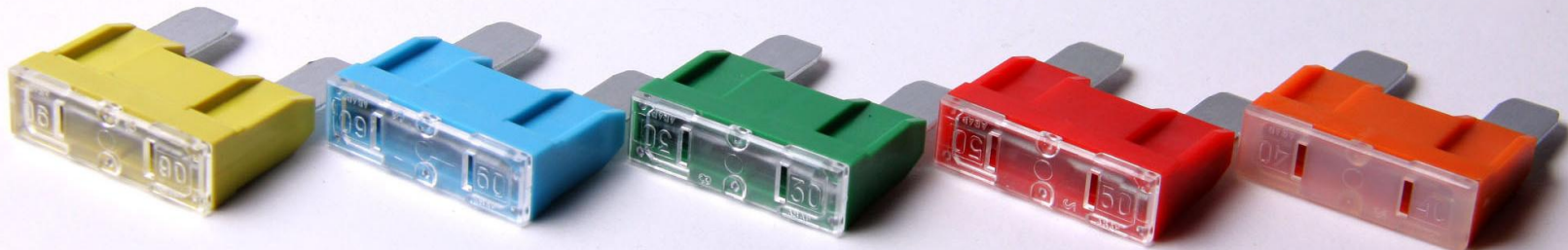
- central lock control
- window switch control
- control of exterior rear-view mirrors position
- seat heating control
- transfer case control

FUSES



JSC «AVAR» is manufacturing fuses:

- **MINI, NORMA, MAXI** standards with face value from **5 to 60A**
- **STRIP** fuses with face value from **30 to 90A**



■ MOUNTING BLOCKS AND FUSE BLOCKS

Mounting and fuse blocks are widely applied in all types of automotive vehicles.

These products are intended for switching and protection of electric circuits, facilitating mounting and maintenance of electric system in a vehicle, increasing their maintainability.



**WE ARE OPEN FOR COOPERATION.
THANK YOU FOR BEING WITH US!**

JSC «AVAR»

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