# **Azbil**

# Описание

# Специальные концевые выключатели

LS, 1LS

## По вопросам продаж и поддержки обращайтесь:

Архангельск (8182)63-90-72 Астана +7(7172)727-132 Белгород (4722)40-23-64 Брянск (4832)59-03-52 Владивосток (423)249-28-31 Волгоград (844)278-03-48 Вологда (8172)26-41-59 Воронеж (473)204-51-73 Екатеринбург (343)384-55-89 Иваново (4932)77-34-06 Ижевск (3412)26-03-58 Казань (843)206-01-48 Калининград (4012)72-03-81 Калуга (4842)92-23-67 Кемерово (3842)65-04-62 Киров (8332)68-02-04 Краснодар (861)203-40-90 Красноярск (391)204-63-61 Курск (4712)77-13-04 Липецк (4742)52-20-81 Магнитогорск (3519)55-03-13 Москва (495)268-04-70 Мурманск (8152)59-64-93 Набережные Челны (8552)20-53-41 Нижний Новгород (831)429-08-12 Новокузнецк (3843)20-46-81 Новосибирск (383)227-86-73 Орел (4862)44-53-42 Оренбург (3532)37-68-04 Пенза (8412)22-31-16 Пермь (342)205-81-47 Ростов-на-Дону (863)308-18-15 Рязань (4912)46-61-64 Самара (846)206-03-16 Санкт-Петербург (812)309-46-40 Саратов (845)249-38-78 Смоленск (4812)29-41-54 Сочи (862)225-72-31 Ставрополь (8652)20-65-13 Тверь (4822)63-31-35 Томск (3822)98-41-53 Тула (4872)74-02-29 Тюмень (3452)66-21-18 Ульяновск (8422)24-23-59 Уфа (347)229-48-12 Челябинск (351)202-03-61 Череповец (8202)49-02-64 Ярославль (4852)69-52-93

# **Compact Horizontal Limit Switches - Model: SL1**

With a mechanical life of over 20 million operations, owing to a 2-piece spring mechanism, the SL1 Series is a robust long-life and maintenance-free compact horizontal-type limit switch with IP67 seal.

#### **Features**

- High sensitivity (M.D. = 0.1 mm)
- Superior seal: oil-resistant / immersion-proof type (JIS) and IP67 (IEC). Oring and integral diaphragm seal are built in
- Small, space-saving body can be tightly gang-mounted
- UL / CSA / CE / GB (CCC marking)-certified models are available (excluding some models)



# **Outdoor Use Compact Limit Switches - Model: LSP**

The LSP Series is specially designed for outdoor use, such as in automated parking facilities.

#### **Features**

- Release force is approximately 1,5 times stronger than that of generalpurpose limit switches, ensuring that there will be no lever return problem
- Wide -30 to 80 °C operating temperature range (no freezing allowed)
- Superior weather-resistant metals and resins are used
- Mounting is compatible with Azbil's 14CE and LS switches
- Standard M12 connector for easy installation at the work site
- Lever can be reliably set on the shaft at 15° intervals due to the gear type lever fixing method
- Rugged aluminium die-cast housing



# **Spatter-Guarded Limit Switches - Model: LS**

The Spatter-Guarded Limit Switches were specially designed to counter again any form of adhesion of spatters.

#### **Features**

- Heat-resistant resin is used in the cover screen to scatter spatter
- Spatter-resistant Teflon is used as the shaft coating material
- The gap between the housing and lever on the head was removed
- Spatter-resistant stainless steel is used on screws and roller, and slotted
- Heat-resistant paint (up to 120 °C) is used



# All Stainless Steel Limit Switches - Model: 1LS-J401

The 1LS-J401 Series have an all stainless steel construction for continuous use under water or in other harsh environments and corrosive gas atmospheres.

### Features

- Superior resistance to salt and corrosive gases, ideal for us in chemical plants (acid and alkali resistant)
- Under water use is possible, perfect for use in harbour facilities, dams and floodgates



# Miniature Pre-Leaded Vertical Enclosed Switches - Model: 14CE

The 14CE Series are miniature enclosed switches with outstanding harsh environment resistance, ideal for compact machinery and equipment.

#### Features

- Easy mounting by tightening two M5 screws
- Superior seal (JIS: oil-resistant, immersion-proof type, IEC: IP67)
- AC-DC model with LED that can be seen from any direction
- Standard load and low current load types are available
- Suitable for high-density gang mounting
- Optimum overtravel can be set by the setting position indication
- CE / GB (CCC marking) approved models are available



# Standard Limit Switches - Model: LS

The Standard LS series is the most versatile compact limit-switch model, and can be used in a wide range of applications.

#### Features

- A wide range of models includes standard, high sensitivity, high overtravel, T.T. 90°, light operation and lock operation types
- Wide range of actuator types
- Certified compliance with a variety of international standards (excluding some models) (UL / CSA, EN60947-5-1, GB14048.5-2001etc.)
- Connector / preleaded connector model is also available
- Available with LED lamp (12V to 125 Vac/dc) or neon lamp
- Wide range of models includes double-sealed, corrosion-resistant, heatresistant, and cold-resistant types
- Low current load model is also available
- Sequencer-compatible indicator, the energizing current of models with an LED indicator is 0,6 mA max.



The 1LS-J800 Series is a highly durable limit switch that withstands heat from direct sunlight and extreme air temperature changes in outdoor applications.

### **Features**

- A wide range of models and a wide range of actuators. Select the actuator to suit your particular work requirements and operating conditions
- A mechanical life of at least 10 million operations
- UL / CSA / GB (CCC marking) approved models



# **Ultra Long Life Limit Switches - Model: 1LS-J700**

The 1LS-J700 Series has an on-site mechanical life 3 times that of conventional models, boasting improved reliability which drastically reduces any minor line interruptions.

#### **Features**

- A mechanical life of at least 30 million operations
- Improved sliding action and corrosion resistance prevents the actuator return failures
- Wiring via connector ensures a tight seal and improved reliability
- At-a-glance fluorescent setting indication prevents faulty initial setup
- UL / CSA / GB (CCC marking) certified models available





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