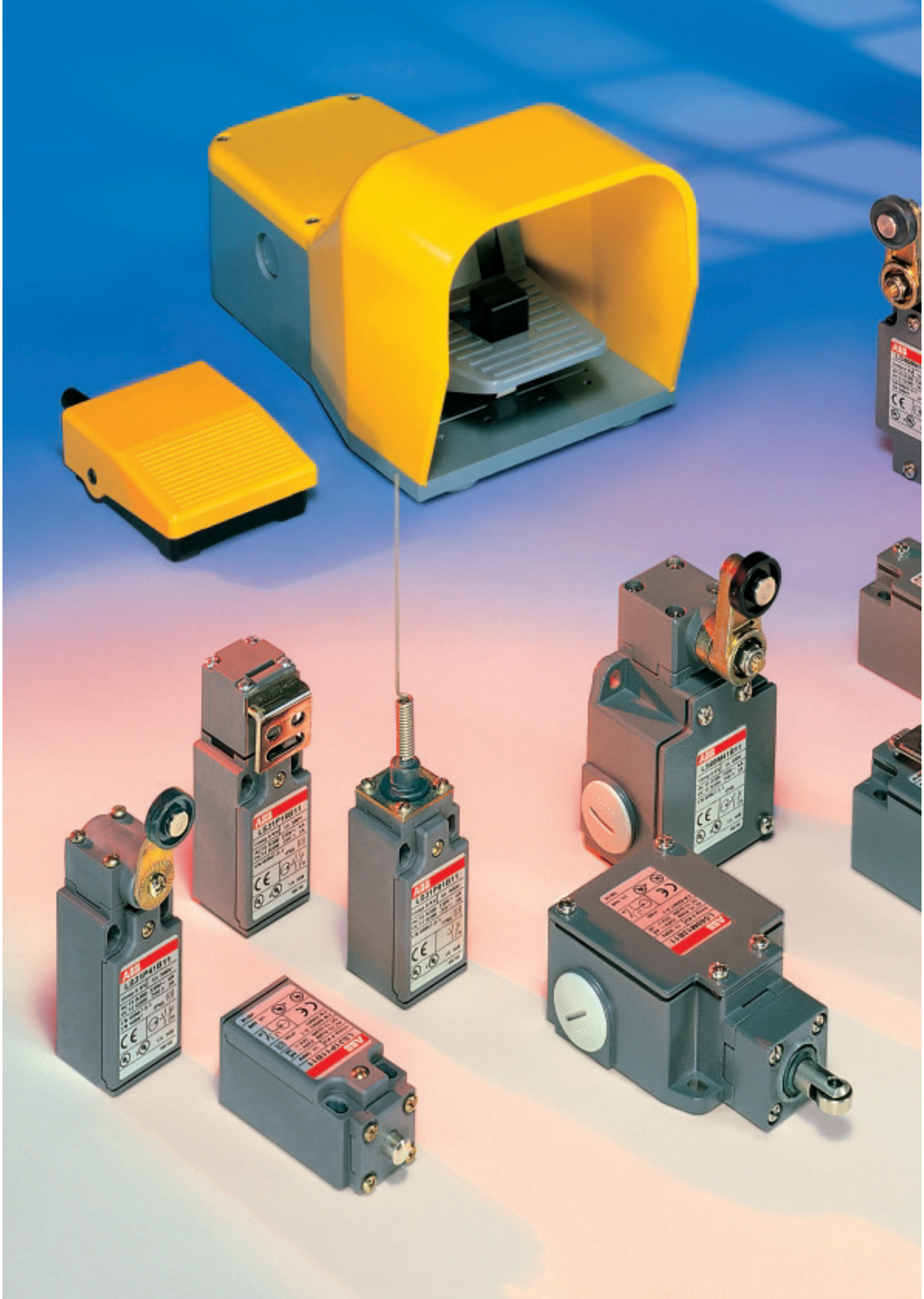
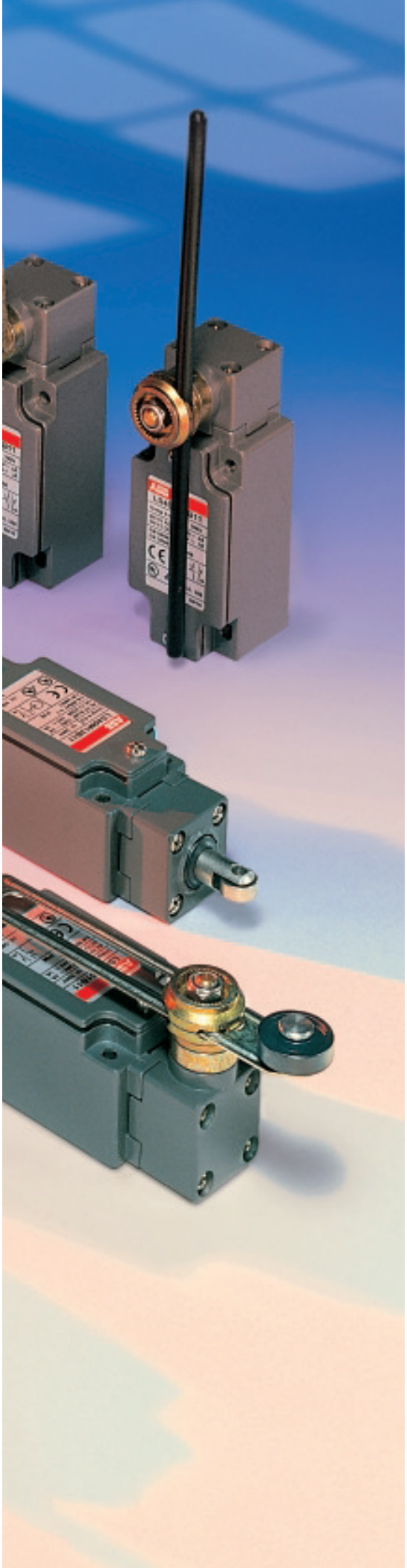




# A modern and complete range

## LS series limit switches

**Plastic casing**

- Double insulation
- IP 65 protection degree
- Complying with:
  - – EN 50047 standard for 30 mm width
    1 cable inlet for Pg 11 cable gland
  - – EN 50041 standard for 40 mm width
    1 cable inlet for Pg 13.5 cable gland

**Metal casing**

- IP 66 protection degree
- Complying with
  - – EN 50041 standard for 40 mm width
    1 cable inlet for Pg 13.5 cable gland
- Without normalisation for 60 mm width
  3 cable inlets for Pg 13.5 cable glands

**Actuators**

- Safety key, plunger, roller plunger, roller lever, adjustable lever, or spring rod

**Contact blocks**

- Two electrically separated moving contacts, "Zb shape"
- Snap action or slow contact dependent action
- Positive opening operation of N.C. contact(s): ⊖

The limit switches are delivered completely assembled, ready for installation

Many variants (Casing, actuators or contact blocks) are available on request

## Foot switches

**Foot switches with cover**

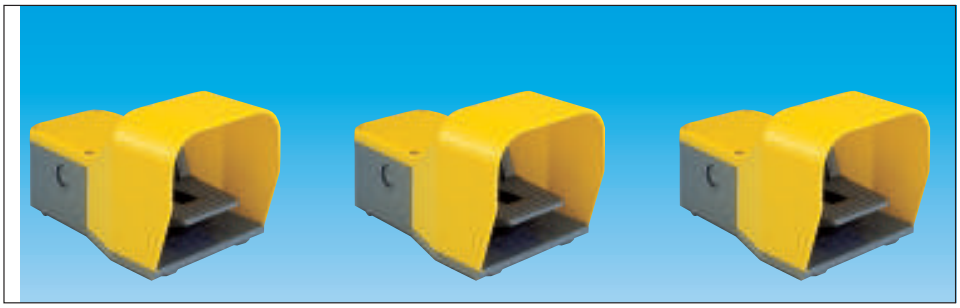
- Double insulation
- IP 65 protection degree
- Actuation:
  - – free movement
  - – locked in neutral position
  - – latched in low position

**Mini foot switches**

- IP 40 protection degree
- Free movement

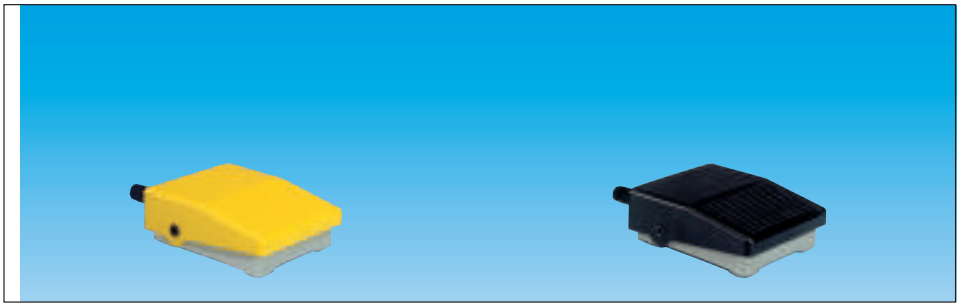
# Foot switches

## Foot switches with cover



| | | | |
|---|---|---|---|
| **Actuation** | **Free movement** | **Locked in neutral position** | **Latched in low position** |
| Types | **IPSY1** | **IPSY2** | **IPSY3** |
| Designation (Snap action N.O. + N.C.) | IPSY1A11 | IPSY2A11 | IPSY3A11 |
| Designation (Slow action N.O. + N.C.) | IPSY1D11 | IPSY2D11 | IPSY3D11 |
| Cover colour | Yellow | Yellow | Yellow |

## Mini foot switches



| | | |
|---|---|---|
| **Actuation** | **Free movement** | |
| Types | **IPM** | **IPM** |
| Designation (Snap action N.O. / N.C.) | IPM2Y | IPM2B |
| Cover colour | Yellow | Black |

As part of its on-going product improvement, ABB reserves the right to modify the characteristics or the products described in this brochure. The information given is not-contractual. For further details please contact the ABB company marketing these products in your country.

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