

# Ri4Power



## Form 1

Low-voltage switchgear in an open design



The modular solution comprising the TS 8 Top enclosure system and the standardised Maxi-PLS busbars. See Cat. 32, page 413.

### Applications:

- Main current distribution systems
- Current rectification applications
- Wind power
- Industry distribution systems
- Mechanical engineering

## Form 2-4

Low-voltage switchgear with form separation



Modular form separation of the TS 8 Top enclosure system in conjunction with busbar systems up to 4000 A as a modular solution.

### Applications:

- Process industry
- Water supply/disposal
- Building distribution
- Chemical industry
- Mechanical engineering

## ISV

Distribution enclosure



Everything from a single source: ISV-TS 8 enclosure system, ISV-AE wall-mounted distributors, ISV modules and SV components. See Cat. 32, page 457.

### Applications:

- Building distribution systems
- Industry distribution systems
- Subdistribution systems

### Technical specifications:

**Rated voltage:**  
up to 690 V AC

**Rated currents:**  
up to 4000 A

**Rated transient current resistance:**  
up to 70/124 kA

**Protection category:**  
up to IP 54

**Rated voltage:**  
up to 690 V AC

**Rated currents:**  
up to 4000 A

**Rated transient current resistance:**  
up to 75 kA

**Protection category:**  
up to IP 54

**Rated voltage:**  
up to 690 V AC

**Rated currents:**  
up to 630 A,  
up to 1600 A

**Rated transient current resistance:**  
up to 50 kA

**Protection category:**  
up to IP 54

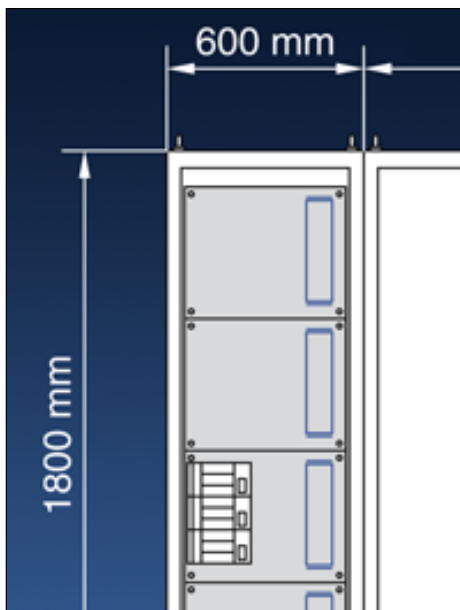
**Rittal Ri4Power – structured system solutions for the reliable, fast assembly of low-voltage switchgear systems** for machines, plant, and buildings. Rittal Ri4Power is the new term for low-voltage switchgear and distribution enclosures under one roof – in accordance with the internationally valid standard IEC 60 439-1. Be amazed at just how easily and precisely your solution can be created. There are two decisive features: Combination scope and compatibility. These two terms encompass all the major advantages. The combination scope makes Ri4Power the optimum solution for your application. And the compatibility of the components ensures improved cost-effectiveness.

**Note:**

Up-to-date information may be found in our new Ri4Power Form 2-4 brochure.

## Software

Planning, configuration, selection



Innovative software – the fast, perfect route to your individual Ri4Power system solution.

### Rittal Power Engineering

- For planners: Tendering text and plan drawings at the press of a button.
- For quote preparation: The exact costing for each part in just a few steps.
- For plant manufacturers: Field-related bills of materials and drawings at the press of a button.  
See Cat. 32, page 1153.

**Ri4Power**  
Type-tested to IEC 60 439-1  
Accidental arc testing to IEC 61 641

## Components

Modular individuality:  
Enclosure system and system accessories



TS 8, the Top enclosure system, is the system platform for all Ri4Power applications. Each enclosure is a specialist for even the most exceptional tasks. By combining Ri4Power and busbar components with general system accessories, you can create infinite power distribution possibilities.

Uncompromising safety:  
RiLine60, Maxi-PLS and Flat-PLS busbar systems



Type-tested system technology for all low-voltage applications in control and power distribution engineering.

The busbar systems offer a host of useful features to make installation, assembly and operation easy and uncomplicated. For the plant operator, the Rittal Ri4Power guarantees uncompromisingly high safety standards in power distribution.