



## ATyS p M 4P - set (80 A, 230/400 V AC)

- ATyS p M are 4 pole modular automatic transfer switches with an integrated controller.
- Their primary function is to switch between the main and backup supply in case of power failure. They work in automatic mode, if necessary the devices can be switched manually.
- They are designed for low voltage power supply systems with a maximum current of 40 to 160 A for applications where a brief interruption of the load supply is acceptable during transfer.
- They allow the setting of overvoltage, undervoltage and frequency thresholds.
- They are set using a display with precise input of individual values. In addition, they are equipped with a switching contact for generator control and user programmable inputs and outputs.
- ATyS p M - the set consists of the basic ATyS p M device, terminal shrouds, auxiliary contacts and bridging bar. The set therefore contains all necessary accessories for the selected model.

| Type  |             | ATyS p M 4P - set (80 A, 230/400 V AC)   |
|---|-------------|--|
| Designed for power supply systems   |             | 230/400 V AC                             |
| Number of poles   |             | 4  |
| Rated load current  | $I_L$       | 80 A                                     |
| Frequency   | $f$         | 50 ÷ 60 Hz                               |
| Power consumption   | $P$         | 6 VA                                     |
| Supply voltage range  |             | 160 ÷ 305 V                              |
| Rated impulse withstand voltage   | $U_{imp}$   | 6 kV                                     |
| Switching time I-0 or II-0  |             | 45 ms                                    |
| Switching time I-II or II-I   |             | 180 ms                                   |
| Lifetime (number of changeovers)  |             | 10 000                                   |
| Changing settings   |             | Using the display and buttons            |
| Equipped with display   |             | Yes (OLED technology)                    |
| Recommended cross-section of connected conductors   | $S$         | 10 ÷ 70 mm <sup>2</sup>                  |
| Operating temperature   | $\vartheta$ | -20 ÷ 60 °C                              |
| Recommended back-up fuse  |             | 80 A/gG                                  |
| Installation  |             | On DIN rail 35 mm, On the mounting plate |
| Operating position  |             | Any                                      |
| Tightening moment   |             | 5 Nm                                     |
| <b>Designed according to standards</b>  |             |  |
| Low-voltage switchgear and controlgear – Part 3: Switches, disconnectors, switch-disconnectors and fuse-combination units |             | IEC 60947-3:2008                         |
| Low-voltage switchgear and controlgear – Part 6-1: Multiple function equipment – Transfer switching equipment             |             | IEC 60947-6-1:2005                       |
| <b>Application standards</b>  |             |  |
| Low-voltage electrical installations – Medical locations  |             | HD 60364-7-710:2012                      |

## Ordering, packaging and additional data

|                    |   |               |
|--------------------|---|---------------|
| Mass               | m | 4.636 kg      |
| Customs tariff no. |   | 85365080      |
| EAN code           |   | 8590681187845 |
| <b>Art. number</b> |   | <b>70 743</b> |



The link in the QR code leads to the online presentation of the **ATyS p M 4P - set (80 A, 230/400 V AC)**.

There, in addition to the always up-to-date data sheet, you will also find all diagrams and drawings, declarations of conformity, or 2D or 3D models and other necessary materials. For more information, visit [www.hakil.com](http://www.hakil.com)



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## Application wiring diagram (installation) 1/1

