



## ATyS p M 4P - set (160 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 (160 A, 230/400 V AC)
Designed for power supply systems		230/400 V AC
Number of poles		4
Rated load current	$I_L$	160 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		160 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	4.787 kg
Customs tariff no.		85365080
EAN code		8590681187876
<b>Art. number</b>		<b>70 746</b>



The link in the QR code leads to the online presentation of the **ATyS p M 4P - set (160 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.hakel.com](http://www.hakel.com)



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## Application wiring diagram (installation) 1/1

