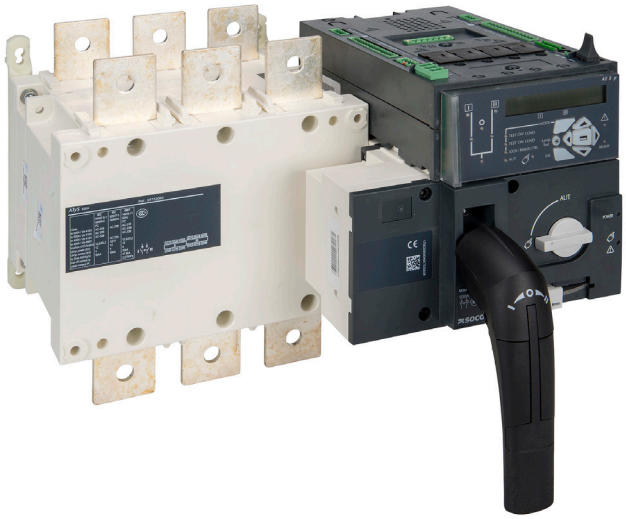
# 95734160

**Socomec ATyS Automatic Transfer Switch - ATyS p, Advanced Integrated Logic, 4 Pole 1600A**

AUTOMATIC TRANSFER SWITCHES



| | |
|---|---|
| **Component type** | Switch disconnector |
| **Range** | ATyS Automatic |
| **Model** | N/A |
| **Product status** | Existing |

The ATyS g and ATyS p are a range of 125A to 3200A automatic transfer switches enabling on-load changeover and monitoring between separate three-phase or single-phase sources, configured via potentiometers and DIP switches (ATyS g) or an integrated keypad and LCD display (ATyS p), designed for mains-mains and mains-genset applications. Optional plug-in communication and I/O modules available.

| | | |
|---|---|---|
| **ELECTRICAL** | **Rated operating voltage Ue** | 1000 V |
| | **Max. rated operation voltage Ue AC** | 1000 V |
| | **Rated permanent current at AC-21, 400 V** | 1600 A |
| | **Rated control supply voltage Us at AC 50HZ** | 400-690 V |
| | **Rated uninterrupted current Iu** | 1600 A |
| | **Number of poles** | 4 |
| | **Rated operation power at AC-23, 400 V** | 750 kW |
| | **Rated short-time withstand current Icw** | 50 kA |
| | **Rated insulation voltage Ui** | 1000 V |
| | **Type of control element** | Other |
| | **Type of electrical connection of main circuit** | Bolt connection |
| | **Rated operating voltage** | 400-690 V |
| | **Rated permanent current at AC-23, 400 V** | 1250 A |
| | **Switching power at 400 V** | 10000 kW |
| | **Conditioned rated short-circuit current Iq** | 100 kA |
| | **Number of auxiliary contacts as normally closed contact** | 0 |
| | **Number of auxiliary contacts as normally open contact** | 3 |
| | **Number of auxiliary contacts as change-over contact** | 0 |
| | **Motor drive optional** | No |
| | **Motor drive integrated** | Yes |
| | **Voltage release optional** | No |
| **CONSTRUCTION** | **Device construction** | Built-in device fixed built-in technique |
| | **Colour control element** | Other |
| | **Degree of protection (IP), front side** | IP20 |





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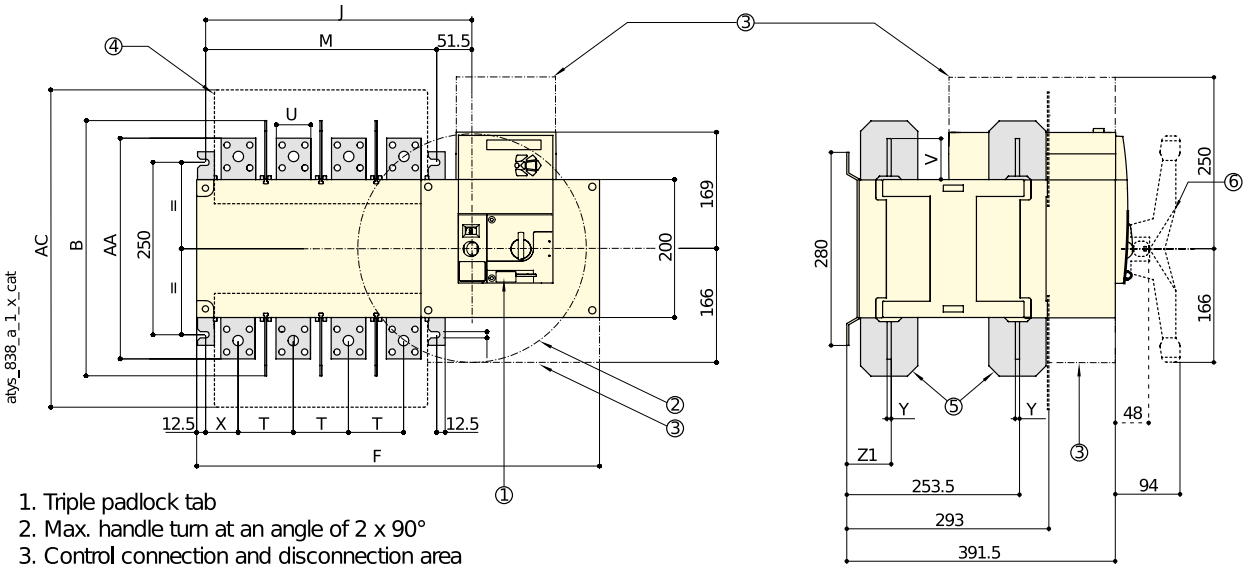
# 95734160

**Socomec ATyS Automatic Transfer Switch - ATyS p, Advanced Integrated Logic, 4 Pole 1600A**

AUTOMATIC TRANSFER SWITCHES

| | | |
|---|---|---|
| **CONSTRUCTION** | Version as main switch | Yes |
| | Version as maintenance-/service switch | Yes |
| | Version as safety switch | Yes |
| | Version as emergency stop installation | No |
| | Version as reversing switch | Yes |
| | Number of switches | 2 |
| | Suitable for front mounting 4-hole | No |
| | Suitable for front mounting centre | No |
| | Suitable for distribution board installation | No |
| | Suitable for intermediate mounting | Yes |
| | Interlockable | Yes |
| **MECHANICAL** | Padlock locking | Yes |
| **DIMENSIONS** | Height | 306.5 mm |
| | Width | 504 mm |
| | Depth | 391.5 mm |
| | Weight | 40 kg |

## DIMENSIONAL DIAGRAM




1. Triple padlock tab
2. Max. handle turn at an angle of 2 x 90°
3. Control connection and disconnection area
4. Terminal screens
5. Inter-phase screen
6. Handle

| Rating (A) / Frame size | Overall dimensions B | Terminal shrouds AC | Switch body F 3p. | Switch body F 4p. | Switch body J 3p. | Switch body J 4p. | Switch mounting M 3p. | Switch mounting M 4p. | Connection T | Connection U | Connection V | Connection X | Connection Y | Connection Z1 | Connection AA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 800 / B6 | 370 | 461 | 504 | 584 | 306.5 | 386.5 | 255 | 335 | 80 | 50 | 60.5 | 47.5 | 7 | 66.5 | 321 |
| 1000 / B6 | 370 | 461 | 504 | 584 | 306.5 | 386.5 | 255 | 335 | 80 | 50 | 60.5 | 47.5 | 7 | 66.5 | 321 |
| 1250 / B6 | 370 | 461 | 504 | 584 | 306.5 | 386.5 | 255 | 335 | 80 | 60 | 65 | 47.5 | 7 | 66.5 | 330 |
| 1600/B7 | 380 | 531 | 596 | 716 | 398.5 | 518.5 | 347 | 467 | 120 | 90 | 44 | 53 | 8 | 67.5 | 288 |



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## RELATED PRODUCTS

### ACCESSORY



**Item No:** 15094160
**Required:** No
**Description:** Socomec ATyS/BCO/SCO/SLB Term. Screen, suits ATyS/BCO/SCO 4P 1600A and SLB 8P 1600A

**Item No:** 15290080
**Required:** No
**Description:** Socomec ATyS Protective Cutout Surround, suits ATyS r 800 - 3200A

**Item No:** 15390080
**Required:** No
**Description:** Socomec ATyS Protective Cutout Surround, suits ATyS g/p, 800 - 3200A

**Item No:** 15593160
**Required:** No
**Description:** Socomec ATyS Voltage Sensing Kit, suits ATyS g/p, 3 Pole 1600A

**Item No:** 15594160
**Required:** No
**Description:** Socomec ATyS Voltage Sensing Kit, suits ATyS g/p, 4 Pole 1600A



**Item No:** 15990532
**Required:** No
**Description:** Socomec ATyS Auxiliary Contact 1 N.O + 1 N.C, 800 - 2500A



**Item No:** 15992009
**Required:** No
**Description:** Socomec ATyS M/ATyS RJ45 Cable, 3m length, suits ATyS D10/20 Display



**Item No:** 15994001
**Required:** No
**Description:** Socomec ATyS M/ATyS Dual Power Supply, 230V AC, suits ATyS dM 40 - 125A and ATyS r 125 - 1600A

**Item No:** 41090160
**Required:** No
**Description:** Socomec ATyS/BCO/SCO Bridging Bar 1P, 1600A (QTY 1)



**Item No:** 48250090
**Required:** No
**Description:** Socomec Diris A-30/41/ ATyS P 2 Pulse Outputs Plugin Module



**Item No:** 48250092
**Required:** No
**Description:** Socomec Diris A-30/41/ ATyS P RS485 Modbus Communication Plugin Module



**Item No:** 48250093
**Required:** No
**Description:** Socomec Diris A-30/41/ ATyS P 2 Analogue Outputs 0/4-20mA Plugin Module



**Item No:** 48250203
**Required:** No
**Description:** Socomec Diris A-30/41/ ATyS P Ethernet (Modbus TCP) Communication Plugin Module



**Item No:** 48250204
**Required:** No
**Description:** Socomec Diris A-30/41 RS485 Modbus to Ethernet (Modbus TCP) Gateway Plugin module

**Item No:** 95095160
**Required:** No
**Description:** Socomec ATyS Motor Module, 1600A



**Item No:** 95792001
**Required:** No
**Description:** Socomec ATyS Electronic module, suits ATyS p



**Item No:** 95992010
**Required:** No
**Description:** Socomec ATyS M/ATyS Remote Display - D10, suits ATyS pM/ATyS g, 96 x 96mm Frame



**Item No:** 95992020
**Required:** No
**Description:** Socomec ATyS M/ATyS Remote Display and Interface - D20, suits ATyS pM/ ATyS p, 96 x 96mm Frame