

# ATyS C30 / ATyS C40

Control relays



## ➤ Applications

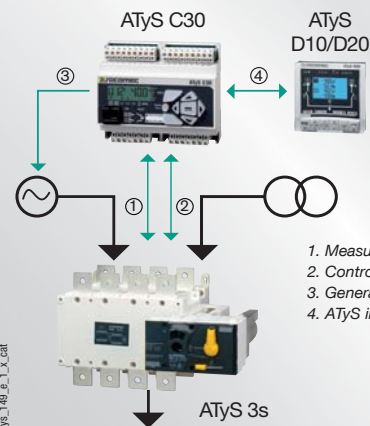
### ATyS C30

## ➤ Function

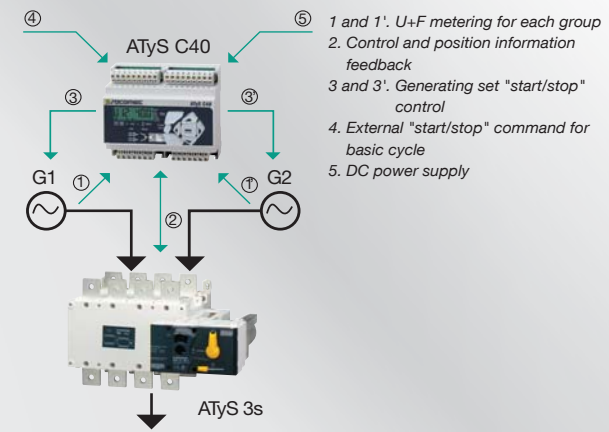
ATyS C30 / C40 allows any type of motorized changeover control: ATyS and ATyS M, contactors, circuit breakers or other motorised switches.

## ➤ Conformity to standards

- IEC 61010-1
- IEC 61000-4-2
- IEC 61000-4-3
- IEC 61000-4-4
- IEC 61000-4-5
- IEC 61000-4-6
- IEC 61000-4-8
- IEC 61000-4-11
- IEC 60068-2-6
- IEC 60068-2-11
- IEC 60068-2-30



### ATyS C40



### General characteristics

- Modular design (6 modules).
- DIN rail mounting.
- 2 output relays for changeover control.

#### ATyS C30

- ATyS D10 or D20 connection.
- Inputs for auxiliary position contacts.
- Metering 3U on network 1.
- Metering 1U on network 2.
- 2 programmable inputs for the following functions: test, loss of a network, remote starting/stopping.
- 2 programmable inputs for the following functions: information transfer, circuit breaker control.

#### ATyS C40

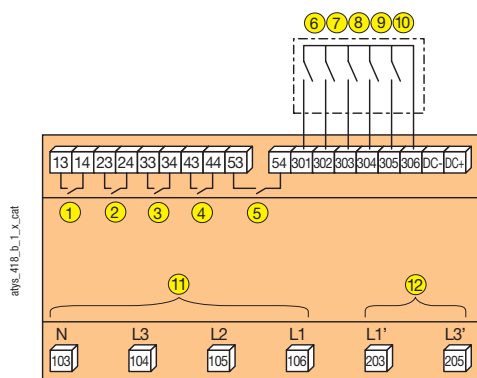
- Dual gensets controller with a redundant genset application cycle (basic cycle).
- Single phase sensing on Gen1 & Gen 2.
- 3 programmable inputs for the following functions: test, loss of a network, remote starting/stopping.
- 1 programmable input for the following functions: information transfer, circuit breaker control.
- 2 start Gen contacts (Gen1 & Gen2).

### Electrical characteristics

Supplied from measurement circuit	110 ... 400 VAC
DC power supply	< 9 ... 30 VDC
Measurement range	110 ... 400 VAC / $\pm 10\%$
Frequency	50/60 Hz
Accuracy	$\pm 1\%$

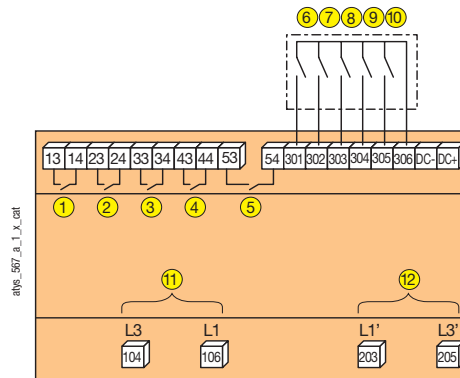
### Terminals

#### ATyS C30



- |                                     |  |
|-------------------------------------|--|
| 1. Generator 1 start / stop control | 8. AC 2: auxiliary contact position 2                  |
| 2. Pos 1: power component control   | 9. I1: programmable input                              |
| 3. Pos 2: power component control   | 10. I2: programmable input                             |
| 4. O1: programmable output          | 11. Source 1: 3 U network measurement and power supply |
| 5. O2: programmable output          | 12. Source 2: 1 U network measurement and power supply |
| 6. 1: auxiliary contact position 1  |  |
| 7. 0: auxiliary contact position 0  |  |

#### ATyS C40



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|---------------------------------------|--|
| 1. Generator 1 start / stop control   | 7. I3: programmable input                |
| 2. Pos 1: power component control     | 8. AC 2: auxiliary contact position 2    |
| 3. Pos 2: power component control     | 9. I1: programmable input                |
| 4. O1: programmable output            | 10. I2: programmable input               |
| 5. Generator 2 start / stop control   | 11. Metering 1U + frequency generator G1 |
| 6. AC 1: auxiliary contact position 1 | 12. Metering 1U + frequency generator G2 |

### References



Type	ATyS C30 Reference	ATyS C40 Reference
Supplied from measurement circuit	1599 3030	1599 3040
DC power supply	1599 3031	1599 3040