

# CERTIFICATE

Issued to:  
Applicant:  
**Socomec S.A.**  
1, Rue de Westhouse  
BP 1  
67230 Benfeld Cedex, France

Manufacturer/Licensee:  
**Socomec S.A.**  
1, Rue de Westhouse  
BP 1  
67230 Benfeld Cedex, France

Product : Automatic transfer switching equipment  
Trade name(s) : SOCOMEC  
Type(s)/model(s) : ATyS d M, ATyS g M, ATyS p M, ATyS p M + COM and ATyS t M

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard EN 60947-5-1:2004, EN 60947-5-1:2004/A1:2009, EN 60947-6-1:2005 and EN 60947-6-1:2005/A1:2014
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 901003

DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

The KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration of the KEMA-KEUR certification agreement and under the conditions of the KEMA-KEUR certification agreement.

This certificate is issued on 20 November 2017 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2199724.01

DEKRA Certification B.V.



drs. G.J. Zoetbrood  
Managing Director



Rosa Zhou  
Certification Manager

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DUTCH ACCREDITATION  
COUNCIL



**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

Product	: Automatic transfer switching equipment
Trade name(s)	: SOCOMEC
Type(s)/model(s)	: ATyS d M, ATyS g M, ATyS p M, ATyS p M + COM and ATyS t M
Class of equipment	: PC
Rated insulation voltage (Ui)	: 800 V for main circuit 300 V for control circuit
Rated frequency	: 50/60 Hz
Utilization category	: AC-32B AC-33B (Ie≤125 A) AC-32A (Ie≤100 A)
Rated conditional short-circuit current	: 40 kA with fuses T.0 gG 160A 50 kA with fuses T.0 gG 125A
Contact transfer time	: 100 ms to 2,185 s
Operating transfer time	: 325 ms to 6,213 s
Total operating time	: 325 ms to 63,8 s
Return transfer time	: 325 ms to 3600,2 s
Off time	: 130 ms minimum
	<b>Ratings of auxiliary circuits</b>
Utilization category, rated operational voltage and current	: AC-12; 230 Vac; 0,5 A DC-12; 30 Vdc; 2 A
Rated insulation voltage	: 300 V
Rated impulse withstand voltage	: 2,5 kV
Rated frequency	: 50/60 Hz

**Product data – type ATyS d M**

Number of poles	: 2 pole or 4 pole
Rated operational voltage (Ue)	: 2 pole: 240 Vac (single phase) 4 pole: 138/240 Vac, 240/415 Vac
Rated operational current (Ie)	: 40, 63, 80, 100, 125, 160 A
Rated control circuit voltage (Uc)	: 208 - 240 Vac
Rated control supply voltage (Us)	: 208 - 240 Vac
Rated impulse withstand voltage (Uimp)	: 6 kV for main circuit 4 kV for control circuit
Method of controlling the transfer	: RTSE



**Product data – type ATyS g M**

Number of poles	: 2 pole or 4 pole
Rated operational voltage (Ue)	: 2 pole: 240 Vac (single phase) 4 pole: 138/240 Vac, 240/415 Vac
Rated operational current (Ie)	: 20 (only for 4P), 35 (only for 4P), 40, 63, 80, 100, 125, 160 A
Rated control circuit voltage (Uc)	: 2 pole: 208-240 Vac 4 pole: 215-240 Vac
Rated control supply voltage (Us)	: 2 pole: 208-240 Vac 4 pole: 215-240 Vac
Rated impulse withstand voltage (Uimp)	: 6 kV for main circuit 2,5 kV for control circuit
Method of controlling the transfer	: ATSE
	Control circuit
Time delay	: 0 - 60 s for main failure timer 0 - 1800 s for main return timer 0 - 3600 s for main return timer
	Monitored supply deviation
Voltage deviation	: 5% to 20% (adjustable on controller)
Frequency deviation	: 3% to 10% (adjustable on controller)

**Product data – type ATyS p M**

Number of poles	: 4 pole
Rated operational voltage (Ue)	: 138/240 Vac, 240/415 Vac
Rated operational current (Ie)	: 40, 63, 80, 100, 125, 160 A
Rated control circuit voltage (Uc)	: 208-240 Vac
Rated control supply voltage (Us)	: 208-240 Vac
Rated impulse withstand voltage (Uimp)	: 6 kV for main circuit 2,5 kV for control circuit
Method of controlling the transfer	: ATSE
	Control circuit
Time delay	: 0 - 60 s for main failure timer
	Monitored supply deviation
Voltage deviation	: 2% to 40% (adjustable on controller)
Frequency deviation	: 1% to 40% (adjustable on controller)

**Product data – type ATyS p M + COM**

Number of poles	: 4 pole
Rated operational voltage (Ue)	: 138/240 Vac, 240/415 Vac
Rated operational current (Ie)	: 40, 63, 80, 100, 125, 160 A
Rated control circuit voltage (Uc)	: 208-240 Vac
Rated control supply voltage	: 208-240 Vac
Rated impulse withstand voltage (Uimp)	: 6 kV for main circuit 2,5 kV for control circuit
Method of controlling the transfer	: ATSE
	Control circuits
Time delay	: 0 - 60 s for main failure timer
	Monitored supply deviation
Voltage deviation	: 2% to 40% (adjustable on controller)
Frequency deviation	: 1% to 40% (adjustable on controller)

**Product data – type ATyS t M**

Number of poles	: 2 pole or 4 pole
Rated operational voltage (Ue)	: 2 pole: 240 Vac (single phase) 4 pole: 138/240 Vac, 240/415 Vac
Rated operational current (Ie)	: 20 (only for 4P), 35 (only for 4P), 40, 63, 80, 100, 125, 160 A
Rated control circuit voltage (Uc)	: 2 pole: 208-240 Vac 4 pole: 215-240 Vac
Rated control supply voltage (Us)	: 2 pole: 208-240 Vac 4 pole: 215-240 Vac
Rated impulse withstand voltage (Uimp)	: 6 kV for main circuit 2,5 kV for control circuit
Method of controlling the transfer	: ATSE
	Control circuits
Time delay	: 0 - 60 s for main failure timer 0 - 1800 s for main return timer 0 - 3600 s for main return timer
	Monitored supply deviation
Voltage deviation	: 5% to 20% (adjustable on controller)
Frequency deviation	: 3% to 10% (adjustable on controller)

**TESTS****Test requirements**

EN 60947-5-1:2004  
EN 60947-5-1:2004/A1:2009  
EN 60947-6-1:2005  
EN 60947-6-1:2005/A1:2014

**Test result**

The test results are laid down in DEKRA test file 219972400.

**Additional information**

This certificate replaces KEMA-KEUR certificate 2191351.01 dated 2016-05-04.

**Conclusion**

The examination proved that all requirements were met.

**Factory locations**

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