

# 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 (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 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**

Socomec Electrical Shanghai co.,ltd  
Building A30, No.5399 Waiqingsong Road  
Qingpu Industrial Zone  
201700 Shanghai, China

Timelec  
Zi Chebedda, Route de  
Fouchana Naassen  
1135 Ben Arous, Tunisia

Socomec S.A.  
1, Rue de Westhouse  
BP 1  
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