

## CB TEST CERTIFICATE

## CERTIFICAT D'ESSAI OC

Product Produit	Transfer switching equipment
Name and address of the Applicant Nom et adresse du demandeur	Socomec S.A. 1, Rue de Westhouse, 67230, Benfeld France
Name and address of the manufacturer Nom et adresse du fabricant	Socomec S.A. 1, Rue de Westhouse, 67230, Benfeld France
Name and address of the factory Nom et adresse de l'usine	Socomec S.A. 1, Rue de Westhouse, 67230, Benfeld France
Rating and principal characteristics Valeurs nominales et caractéristiques principales	Ue: 4P: 138 / 240 Vac, 240 / 415 Vac; 2P: 240 Vac (single phase); Ie: 20 A up to 160 A; 50 / 60 Hz; AC-32B, AC-33B (Ie ≤ 125 A), AC-32A (Ie ≤ 100 A); class PC; 2 pole and 4 pole. See Annex for further ratings.
Trademark (if any) Marque de fabrique (si elle existe)	SOCOMECC
Type of manufacturer's Testing Laboratories used Type de programme de laboratoire d'essais constructeur	CTF Stage 2
Model / Type Ref. Réf. de type	ATyS d M, ATyS g M, ATyS p M, ATyS p M +COM, ATyS t M
Additional information (if necessary may also be reported on page 2) Les informations complémentaires (si nécessaire, peuvent être indiquées sur la 2ème page)	A1: editorial modifications, date of first issue: 2016-05-04
A sample of product was tested and found to be in conformity with IEC Un échantillon de ce produit a été essayé et été considéré conforme à la CEI	60947-5-1(ed.3);am1 60947-6-1(ed.2);am1
As shown in the test report Ref. No. which forms part of this certificate Comme indiqué dans le rapport d'essais numéro de référence qui constitue partie de ce certificat	2140843.50 and 2140843.51 (dated 2011-03-23), 2172472.50 and 2191351.50

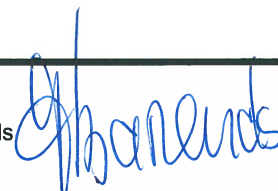
This CB Test Certificate is issued by the National Certification Body:

Ce Certificat d'essai OC est établi par l'Organisme National de Certification

 DEKRA Certification B.V.  
 Meander 1051, 6825 MJ  
 Arnhem  
 The Netherlands


Date: 2016-07-14

Signature: H.R.M. Barends



Additional factory

Timelec  
ZI Chebedda  
Route de, 1135,  
Ben Arous  
Tunisia

This CB Test Certificate is issued by the National Certification Body:

DEKRA Certification B.V.  
Meander 1051, 6825 MJ  
Arnhem  
The Netherlands

Ce Certificat d'essai OC est établi par l'Organisme National de Certification



Date: 2016-07-14

Signature: H.R.M. Barends

A handwritten signature in blue ink, appearing to read "H. Barends", written over the printed name.

**Product data**

type of equipment	:	Transfer switching equipment
class of equipment	:	PC
number of poles	:	2 pole: ATyS d M, ATyS g M 4 pole: ATyS d M, ATyS g M, ATyS p M and ATyS p M + COM, ATyS t M
rated operational voltage(Ue)	:	4 pole:138 / 240 Vac; 240 / 415 Vac 2 pole: 240 Vac (single phase)
rated insulation voltage (Ui)	:	800 V for main circuit 300 V for control circuit
rated impulse withstand voltage (Uimp)	:	6 kV for main circuit  4 kV for control circuit of ATyS d M 2,5 kV for control circuit of ATyS g M and ATyS p M
rated operational current (Ie)	:	see product data per type
rated frequency	:	50 / 60 Hz
utilization category	:	AC-32B AC-33B (Ie ≤ 125 A) AC-32A (Ie ≤ 100 A)
rated short-circuit making capacity (Icm)	:	N/A
rated short-circuit breaking capacity (Icn)	:	N/A
rated conditional short-circuit current	:	40 kA with fuses T.0 gG 160 A 50 kA with fuses T.0 gG 125 A
control circuit	:	
rated control circuit voltage (Uc)	:	see product data per type
rated control supply voltage (Us)	:	see product data per type
time delay	:	0 - 60 s for main failure timer of ATyS g M and ATyS p M 0 - 1800 s for main return timer of ATyS g M and ATyS t M 0 - 3600 s for main return timer of ATyS p M and ATyS t M
monitored supply deviation	:	
voltage deviation	:	ATyS g M: 5% to 20% (adjustable on controller) ATyS p M: 2% to 40% (adjustable on controller) ATyS t M: 5% to 20% (adjustable on controller)
frequency deviation	:	ATyS g M: 3% to 10% (adjustable on controller) ATyS p M: 1% to 40% (adjustable on controller) ATyS t M: 3% to 10% (adjustable on controller)
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
ratings of auxiliary circuit	:	
utilization category, rated operational voltage and current	:	AC-12; 230 Vac; 0,5 A DC-12; 30 Vdc; 2A
rated insulation voltage Ui	:	300 V
rated impulse withstand voltage	:	2,5 kV
rated frequency	:	50 / 60 Hz

**Product data - type ATyS d M**

Rated current : 40, 63, 80, 100, 125, 160 A  
Rated control circuit voltage : 208 - 240 Vac  
Rated control supply voltage : 208 - 240 Vac  
Method of controlling the transfer : RTSE

**Product data - type ATyS g M**

Rated current : 20 (only 4P), 35 (only 4P), 40, 63, 80, 100, 125, 160 A  
Rated control circuit voltage : 2 pole: 208 - 240 Vac  
4 pole: 215 - 240 Vac  
Rated control supply voltage : 2 pole: 208 - 240 Vac  
4 pole: 215 - 240 Vac  
Method of controlling the transfer : ATSE

**Product data - type ATyS p M**

Rated current : 40, 63, 80, 100, 125, 160 A  
Rated control circuit voltage : 208 - 240 Vac  
Rated control supply voltage : 208 - 240 Vac  
Method of controlling the transfer : ATSE

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

Rated current : 40, 63, 80, 100, 125, 160 A  
Rated control circuit voltage : 208 - 240 Vac  
Rated control supply voltage : 208 - 240 Vac  
Method of controlling the transfer : ATSE

**Product data - type ATyS t M**

Rated current : 20 (only 4P), 35 (only 4P), 40, 63, 80, 100, 125, 160 A  
Rated control circuit voltage : 2 pole: 208 - 240 Vac  
4 pole: 215 - 240 Vac  
Rated control supply voltage : 2 pole: 208 - 240 Vac  
4 pole: 215 - 240 Vac  
Method of controlling the transfer : ATSE