

## ATTESTATION OF CONFORMITY

No. 40330070-TDC 04-4033

Issued to: VAMP Ltd  
Runsorintie 7  
FIN-65381 Vaasa - Finland

For the product: Feeder Manager type VAMP 255  
Feeder Protection Relay type VAMP 245  
Directional Protection Relay type VAMP 230  
Software version: 4.19

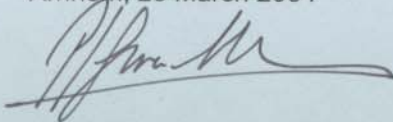
Manufactured by: VAMP Ltd  
Runsorintie 7  
FIN-65381 Vaasa - Finland

Requirements: Functional tests are performed of the protection functions: overcurrent ( $3I>$ ,  $I0>$ ), directional overcurrent ( $3I>\rightarrow$ ,  $I0\rightarrow$ ), 2<sup>nd</sup> harmonic ( $3I2>$ ), unbalance protection ( $I2/I1>$ ), overvoltage ( $3U>$ ), undervoltage ( $3U<$ ), residual voltage ( $U0>$ ), frequency ( $f>$ ,  $f<$ ), overload ( $\Theta$ ), autoreclose ( $O\rightarrow I$ ) and circuit breaker failure (CBFP). The results are evaluated against the VAMP 255 / 245 / 230 Feeder Terminals instruction manual version VM255.EN008 as far as specified by the manufacturer.

This Attestation is granted on account of tests made in our laboratory, the results of which are laid down in our reports: 40330070-TDC 04-41200A

The tests have been carried out on one single specimen of the Feeder Manager VAMP 255, submitted by the manufacturer. The Attestation does not include an assessment of the manufacturer's production. Conformity of his production with the specimen tested by KEMA is not the responsibility of KEMA.

KEMA T&D Consulting  
Arnhem, 25 March 2004



P.J. Groen in 't Woud  
Manager KEMA T&D Consulting – Power Systems

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