

EC TYPE CERTIFICATE



Czech

Registration Number 01.494.082/10/07/02/0

issued for the manufacturer:

**OBZOR, výrobní družstvo Zlín
 Na Slanici 378
 CZ - 764 13 Zlín
 Id. no: 000 30 988**

For the product:

Name: **Cam switch**
 Type designation: VSR
 Options: 10, 16, 20
 Manufacturer: OBZOR, výrobní družstvo Zlín, Na Slanici 378, 764 13 Zlín

At which the certification in accordance with the certification schema according to the Decree of the Government no 17/2003 Sb. §3, par.1, let. b) according to the certification system of TÜV SÜD Czech which results are stated in the Evaluation report no 653/90/10/BT/IZ/E from April 02, 2010.

The product type mentioned above fulfils the applicable requirements of following regulations/standards which was the basis for its evaluation:

ČSN EN 60947-1 ed.4:2008 (EN 60947-1:2007)
ČSN EN 60947-3 ed.2:2000 (EN 60947-3:1997)

This certificate is valid till: April 22, 2015

Details and validity conditions are stated in the annex which forms an integral part of this Certificate and contains 1 page.

Prague, April 22, 2010



Head of the Certification body

1. The product specimen was entered for evaluation and type certification on March 01, 2010.
2. The Certificate was issued on the basis of documents provided by the client:
The application for the certification from March 18, 2010.
3. The Quality System audit was performed at the product manufacturer concentrating on elements ensuring the continuation of product conformity with certification requirements. The results are stated in the Partial inspection report of TÜV SÜD Czech.
4. Detailed technical data characterizing the product type:
Technical parameters:

VSR		10	16	20
Impulse holding voltage (U_{imp}) [kV]		4	4	4
Thermal current protected (I_{the}) [A]		10	20	20
Rated operating voltage AC(U_e) [V]		400 500	400 500	400 500
Operating current (I_e) [A]	AC21	10	16	20
	AC23	10	16	20
	AC3	10	12	14
Short circuit switching ability (I_{cm}) [A]		200	230	280
Short-time holding current (I_{cw}) [A/1s]		300	400	500
Max. number of switching positions		12	12	12
Max. number of floors		12	12	12
Max. number of contacts		24	24	24
Max. switching frequency / h		900	900	900

Insulating voltage (U_i) – 690V
Ingress protection - cam switch – IP20
from the front side – IP 65

5. The list of important parts of the technical documentation is stated in the Evaluation Report no. 653/90/10/BT/IZ/E from April 2, 2010
6. Validity Conditions
 - The certificate shall only promote its holder, the product and production places mentioned therein.
 - The transmission of this certificate to third parties is inadmissible as well as its use by third parties.
 - TÜV SÜD Czech shall be immediately notified about any product modifications compared to the certified specimen. This fact may cause the certificate continuation dependent on an additional conformity evaluation.
 - TÜV SÜD Czech shall supervise the proper functioning of the Quality System at the manufacturer within one year deadline on the basis of a concluded contract about the controlling activity.
 - The certificate shall apply for the period of five years from the date of its issue and can be renewed on demand.
 - The certificate shall only be reproduced complete including all annexes.
 - The right to use trademark TÜV SÜD Czech was established to the certificate.
 - The certificate holder commits to keep records of all relevant complaints concerning the conformity of the products with the requirements of regulations and standards and make those records available to the certification body TÜV SÜD Czech.
 - Not specified items (advertising, use of trademark and certificates) are governed by the General Conditions for Product Certification, as amended.

