

EC Type-Examination Certificate



Reg.-No.: 01/205/5755.00/20

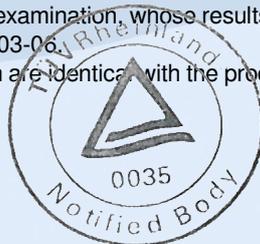
Product tested	Trapped key system For detailed type designations see current "Revision List".	Certificate holder	ACE Schmersal Eletroeletrônica Industrial Ltda. Av. Brasil, 815 - Jardim Esplanada 18550-000 Boituva SP Brazil
Type designation	SHGV system consisting of the components SHGV..., SHGV/ESS... and SVM... or the components SHGV..., SVE... and SVM..., - guard locking device, type SHGV, with one operating head, - guard locking device, type SHGV, with two operating heads, - guard locking device, type SHGV, with a second lock barrel, - key operated selector with interlocking device with electromagnetic principle of operation, type SVE, - key operated selector with interlocking device with mechanical principle of operation, type SVM - key operated selector switch, type SHGV / ESS		
Codes and standards	EN ISO 13849-1:2015 EN ISO 13849-2:2012	ISO/TS 19837:2018	
Intended application	The system complies with the requirements of the relevant standards and meets Cat. 3/PL d acc. to EN ISO 13849-1. Accordingly it can be used in applications up to this safety level. The safety switchgears are classified acc. to ISO 14119 as type 2 interlocking devices.		
Specific requirements	Trapped key system, consisting of the components SHGV..., SHGV/ESS... and SVM...: This combination can only be used for applications, in which the hazardous situation is eliminated without delay (e. g. run-on movements) after the switch-off command from the key-operated selector switch. Trapped key system, consisting of the components SHGV..., SVE... and SVM...: If the control part of the machine transmits a signal to the SVE... that the hazardous situation has been eliminated, the key can be withdrawn from the SVE..., as a result of which the movable safety guard can be opened. If a delay device (e. e. timer) is used to by-pass the stopping time, a failure of this device must not cause the delay time to be reduced. The instructions of the associated Installation and Operating Manual shall be considered.		

It is confirmed, that the product tested complies with the requirements for machines defined in Annex I of the EC Directive 2006/42/EC.

Valid until 2025-03-06

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 1995.00/20 dated 2020-03-06.

This certificate is valid only for products which are identical with the product tested.



Köln, 2020-03-06

Notified Body for Machinery, NB 0035

Dipl.-Ing. Eberhard Frejno