

Datasheet - SVM1/X-10/Y/A

Key transfer system / SVM1 - Key distribution station



- Key-operated selector switch interlocking device with 10 keys

(Minor differences between the printed image and the original product may exist!)





Ordering details

Product type description	SVM1/X-10/Y/A
Article number	SVM1/X-10/Y/A
EAN Code	
notice	In the order/enquiry, the required key bitting numbers "X" (primary cylinder) and "Y" (secondary cylinder) must be indicated (e.g. SVM1/111-10/222/A)! If no lock number is indicated in the order/inquiry, we will supply a lock number at our discretion. The user must ensure that lock numbers are not assigned twice in a single plant (factory site)! The user must ensure that no double key bit numbers are allocated on one site (company site)!
eCl@ss	27-39-01-90

Classification

Standards	EN ISO 13849-1
B10d Normally-closed contact (NC)	100.000
Mission time	20 Years
notice	$MTTF_d = \frac{B_{10d}}{0,1 \times n_{op}}$ $n_{op} = \frac{d_{op} \times h_{op} \times 3600 \text{ s/h}}{t_{cycle}}$

Global Properties

Permanent light	Schlüssel-Verteilstation
Standards	EN ISO 13849-1, EN 1088
Compliance with the Directives (Y/N) 	Yes
Active principle	mechanical
Materials	
- Material of the housings	Aluminium
- Locking bolt material	Brass
Housing coating	painted
- Enclosure color	 Grey
Color	
- Colour of the key grip	 Silver
- Colour of the key	 Silver
Weight	2600
Key number	
- primary key	X
- secondary key	Y
Locking system	Included in standard version
Key	10
Recommended combinations	SHGV, SVE
Front plate mounting (Y/N)	No

Mechanical data

Mechanical life	100.000 operations
Switching frequency	5

Ambient conditions

Ambient temperature	
- Min. environmental temperature	-25
- Max. environmental temperature	+50
Protection class	IP65 to IEC/EN 60529

ATEX

Explosion protection categories for gases	None
Explosion protected category for dusts	None

Dimensions

Dimensions	
- Width	120
- Height	113.5
- Length	240

Included in delivery

SVM with 10 secondary key and 10 emergency keys, without primary key

notice - Operating principle

see drawing

Primary key in Pos. 2: primary key not withdrawable, secondary key withdrawable
 Primary key in Pos. 1: primary key withdrawable, secondary key not

Ordering code

SVM1(1)(2)/(3)-(4)/(5)(6)/(7)

notice	Not all variations can be supplied. The available order code used to convert the product part name.
(1) without -Z/	Included in standard version Locking system Central locking system-Locking system
(2) without /SR	Included in standard version Silver coloured key heads
(3) X	Key number (n) primary key 35 ... 99
(4) 6 10	6 secondary key 10 secondary key
(5) Y	Key number (n) secondary key 100 ... 999
(6) oo/oo	Colour of the key grip  and all combinations resulting thereof
(7) E A	Mounting plate Assembly housing

Documents

Operating instructions and Declaration of conformity (da) 2 MB, 25.09.2015

Code: mrl_shgv-sve-svm_da

Operating instructions and Declaration of conformity (es) 2 MB, 22.08.2016

Code: mrl_shgv-sve-svm_es

Operating instructions and Declaration of conformity (jp) 2 MB, 23.03.2017

Code: mrl_shgv-sve-svm_jp

Operating instructions and Declaration of conformity (de) 2 MB, 25.07.2016

Code: mrl_shgv-sve-svm_de

Operating instructions and Declaration of conformity (fr) 2 MB, 16.09.2016

Code: mrl_shgv-sve-svm_fr

Operating instructions and Declaration of conformity (nl) 2 MB, 08.08.2018

Code: mrl_shgv-sve-svm_nl

Operating instructions and Declaration of conformity (en) 2 MB, 25.07.2016

Code: mrl_shgv-sve-svm_en

Operating instructions and Declaration of conformity (pt) 2 MB, 23.08.2016

Code: mrl_shgv-sve-svm_pt

Operating instructions and Declaration of conformity (cn) 2 MB, 27.07.2017

Code: mrl_shgv-sve-svm_cn

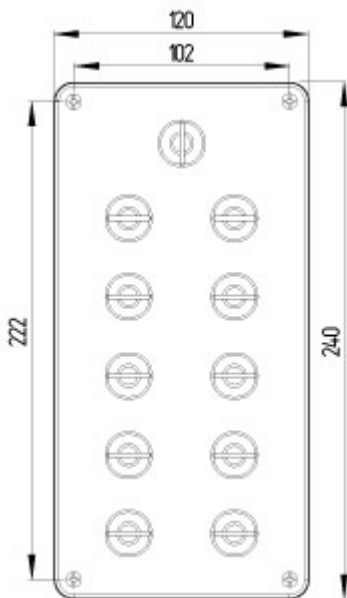
Operating instructions and Declaration of conformity (pl) 2 MB, 22.11.2016

Code: mrl_shgv-sve-svm_pl

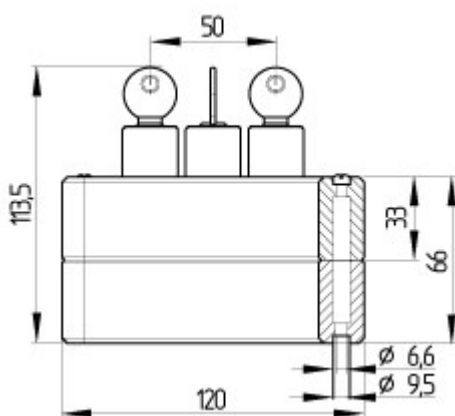
Operating instructions and Declaration of conformity (it) 2 MB, 02.09.2016

Code: mrl_shgv-sve-svm_it

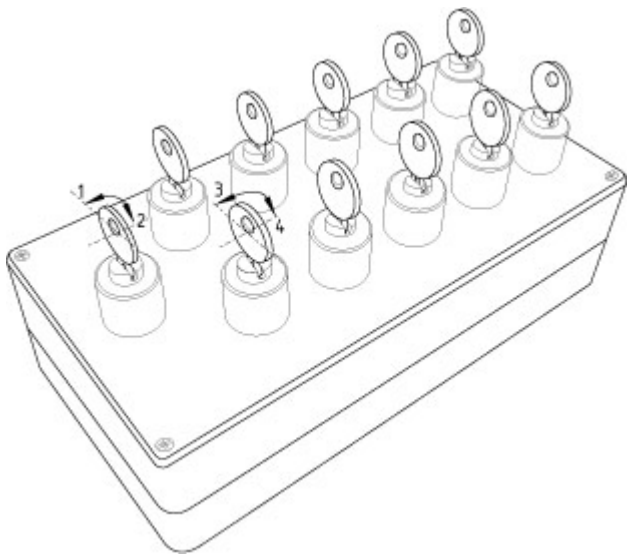
Images



Dimensional drawing (basic component)



Dimensional drawing (basic component)



Operating principle

K.A. Schmersal GmbH & Co. KG, Möddinghofe 30, D-42279 Wuppertal

The data and values have been checked thoroughly. Technical modifications and errors excepted.

Generiert am 13.02.2019 - 13:10:12h Kasbase 3.3.0.F.64I