DORMA SVZ 6xxx

Access control solenoid lock with automatic locking action, electrically monitored, with single-piece follower, electrically activated external lever handle of fail-secure or fail-safe design, and mechanical sequential control.

With microswitches for detection of "locked" (< 90%), "unlocked" (> 10% of deadbolt travel), "door open/closed" via trip latch, and "lever handle operation".

In the de-energised condition, the external lever handles are either disengaged (fail-secure) or engaged (fail-safe). Actuation of the solenoid in the lock (e.g. by an access control system) causes the lever handles to be engaged or disengaged depending on the mode. Activation of the lever handles is performed via a GND contact either by a floating (no-volt) NO contact (fail-secure) or NC contact (fail-safe).

Permanent open (permanent engagement of the lever handles, e.g. for daytime operation) is possible.

Power supply data: 12 V DC or 24 V DC, stabilised
Current consumption: max. 0.4 A or 0.2 A
Contact rating: max. 30 V DC, 1.5 W

Two-point locking activated by pre-loaded spring when door closes. Three-stage deadbolt safeguard mechanism.

Universal trip latch (24 mm forend types, non-handed). Unlocking from the outside via key or enabled lever handle. Steel bolt projection 20 mm. 9 mm single-piece square follower.

Corrosion-protected steel lock case in DIN dimensions, complete with forend and matching strike plate in stainless steel included in scope of supply.
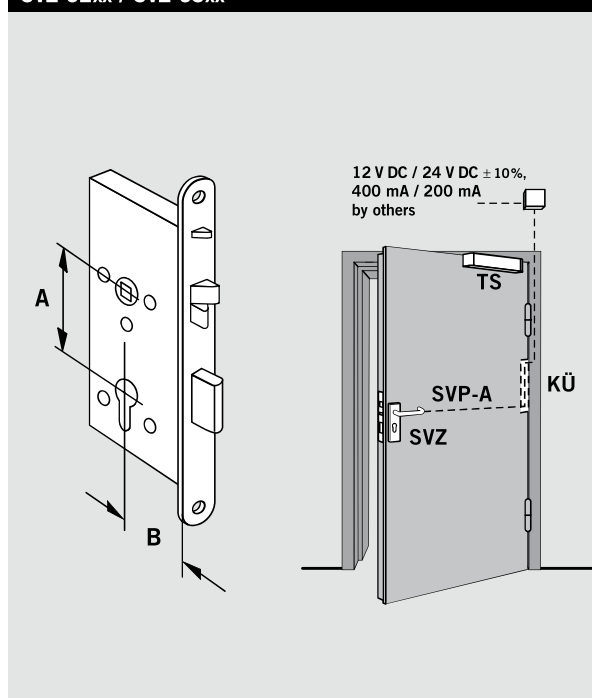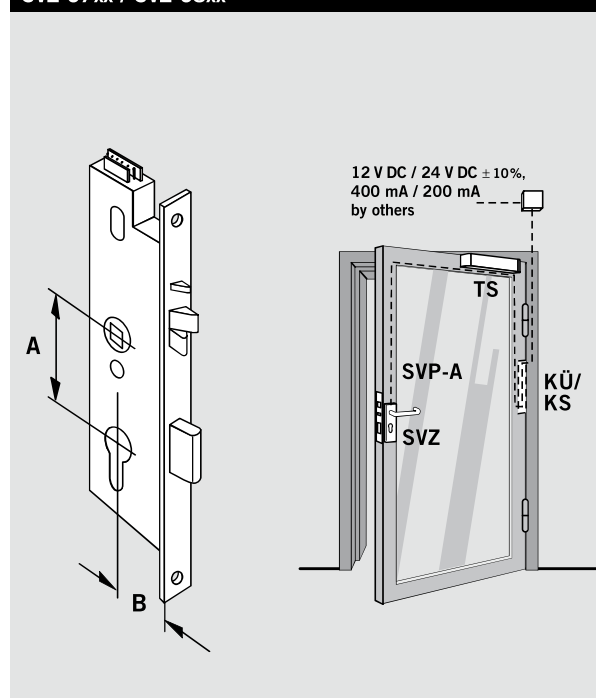
Model variations:
☐ Pierced for Europrofile cylinder
☐ Pierced for round cylinder
☐ Over-rebated door
   (forend 235 x 20 mm, rebated strike plate)
☐ Flush-closing door
   (forend 235 x 24 mm, standard strike plate)
☐ Metal-framed door
   (forend 270 x 24 mm, standard strike plate)
   Follower-to-keyway centres ... mm
   Backset ... mm
   Opening direction..., handing ...
☐ Fail-safe   ☐ Fail-secure
☐ 12 V   ☐ 24 V

Requisite accessories (to order):
☐ DORMA SVP-A connecting cable
☐ DORMA KÜ/KS cable loop

💻 SVZ6xxx

SVZ 62xx / SVZ 63xx

12 V DC / 24 V DC ± 10%,
400 mA / 200 mA
by others

A
B
TS
SVP-A
SVZ
KÜ

SVZ 67xx / SVZ 68xx

12 V DC / 24 V DC ± 10%,
400 mA / 200 mA
by others

A
B
TS
SVP-A
SVZ
KÜ/KS

Cylinder	Follower-to-keyway centres A	Door type	Backset B	Handing	Model	Order No.
Euro-profile cylinder	72	Over-rebated door Forend: 235 x 20	55	L	SVZ 6251	15 **6251** xx
				R	SVZ 6252	15 **6252** xx
			60	L	SVZ 6261	15 **6261** xx
				R	SVZ 6262	15 **6262** xx
			65	L	SVZ 6271	15 **6271** xx
				R	SVZ 6272	15 **6272** xx
		Flush-closing door Forend: 235 x 24	55	L/R	SVZ 6257/6258	15 **6257** xx
			60	L/R	SVZ 6267/6268	15 **6267** xx
			65	L/R	SVZ 6277/6278	15 **6277** xx
	92	Metal-framed door Forend: 270 x 24	35	L/R	SVZ 6719	15 **6719** xx
			45	L/R	SVZ 6739	15 **6739** xx
Round cylinder	74	Over-rebated door Forend: 235 x 20	60	L	SVZ 6361	15 **6361** xx
				R	SVZ 6362	15 **6362** xx
			65	L	SVZ 6371	15 **6371** xx
				R	SVZ 6372	15 **6372** xx
		Flush-closing door Forend: 235 x 24	60	L/R	SVZ 6367/6368	15 **6367** xx
			65	L/R	SVZ 6377/6378	15 **6377** xx
	94	Metal-framed door Forend: 270 x 24	35	L/R	SVZ 6819	15 **6819** xx
			45	L/R	SVZ 6839	15 **6839** xx

Other variants on application
L = DIN-L/LH/ISO 6
R = DIN-R/RH/ISO 5
All dimensions in mm

Note: For the model with the 24 mm forend, the locks for LH/ISO 6 inward/RH (ISO 5) outward are identical, as are the locks for RH (ISO 5) inward/LH (ISO 6) outward.

xx
10 = Fail-secure model 12 V DC
11 = Fail-secure model 24 V DC
60 = Fail-safe model 12 V DC
61 = Fail-safe model 24 V DC

SVP-A wiring

SVP-A	SVP/SVZ 6xxx
Wire colours	Function
sw = black	GND
br = brown	"Trip latch engaged", NC
rs/gr = pink/grey	"SVP/SVZ unlocked", NO
rt = red	Lever handle disengage via GND contact Fail-secure = NO/Fail-safe = NC
ws = white	+ 12 V DC or + 24 V DC (stabilised)
ge = yellow	"SVP/SVZ unlocked" and "Trip latch engaged", C
gn = green	not used
gr = grey	Anti-tamper line
rs = pink	Anti-tamper line
rt/bl= red/blue	"SVP/SVZ locked", NC
bl = blue	"Lever handle operated", NO
vi = violet	"SVP/SVZ locked" and "Lever handle operated", C