GUNNEBO ENCRY OPERATIONS AND USER MANAGEMENT CONFIGURATION

Gunnebo ENCRY Configuration S-00108

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Gunnebo ENCRY Configuration S-00108

Introduction

In the Gunnebo Encry nomenclature, a configuration includes all settings that influence operational behavior as well as user management. The settings that influence the operating behavior include, for example, IO functions, all time functions, automatic closing times or calendar settings.

User management includes profile definition and the assignment of users to different profiles. To be able to upload a configuration using different rights packages, blocks of information can be filtered out as part of an upload process.

The filtered information blocks allow parts of the configuration to be protected from unwanted changes.

The automatic re-locking times for all locks (60s) are identical, and an alarm box with a uniform assignment is always connected to

Only the profile definitions are currently protected at the factory. This protection for individual profiles can also be extended to other areas using an adapted profile definition (currently only possible through the request to Gunnebo customer support and reconfiguration by manufacture). Users of the administrator profile can overwrite all settings except the profile definitions with an upload.

the first lock with the address 00 (coding switch) and an OTC module.

It is sufficient to establish the connection between the first electronics and the alarm box via the 8-pin system cable. The information about the signal states of the inputs and outputs are distributed system-wide via bus communication.

According to the current version of EN1300:2023 based on the existing hardware; it is essential to secure communication via encryption. To avoid replay attacks, it is necessary to implement encryption with randomly alternating data keys.

This makes automatic synchronization between the redundant halves of a lock difficult. There is a risk of data loss in the event of communication disruption (electrostatic discharge, strong voltage fluctuations on the supply lines, etc.).

Since each redundant lock has its own electronics, both lock halves have a different configuration. Both halves of the locks have independent users. The user with ID 00 on the operational side is different than the user with ID 00 on the emergency redundancy side.

On the operating side, the configuration "**S-00108 operating**" is installed at the factory.

The lock half for emergency redundancy receive the configuration "**S-00108 redundancy**". This configuration is currently designed in such a way that there is a single user who can open and close without any restrictions due to external signals or time restrictions, similar to a mechanical emergency key. It is not possible to add additional users or perform a configuration upload. An audit for the emergency redundancy path can be read via this user.

The code for the emergency user should be kept confidential, in sealed envelope and in a secure location.

During setup, the codes of the pre-installed users must be changed on both sides.

On the operations side, these are the user with ID 00 and code 123456(78), assigned to manager profile 04 and the user with ID 20 and code 202020(20), assigned to administrator profile 05.

On the emergency redundancy profile page this is user 00, also with the code 123456(78).

S-00108

The OTC users managed via the OTC management software are divided into three user groups. The structure is done using OTC user IDs. The IDs 0000-0099 form the group of OTC administrators, the IDs 0100-4999 OTC users of the OTC group I and the IDs 5000-9999 OTC users of the OTC group II.

Each of these OTC groups is essentially mapped to a "fixed user". Actions by the OTC administrators are carried out within the system by the fixed user 49, and for the other two OTC user groups by the fixed users 48 and 47.

The codes of these users are automatically and randomly changed as part of setting up the OTC module, i.e. when the institute key is entered by the module. This requires that these special users have been set to their standard codes at the time of the OTC module setup.

Profile description

The profiles composition represents the organization of a branch structure. An administrator can adjust restrictions such as time functions, dual code or signal functions using the configuration upload option. There is no need to open the safe using the administrator code, but the conceptual responsibility for the respective security requirements lies with him.

All operations related to the creation or deletion of users, (De-)activation of profiles, etc. via the input unit is the responsibility of the on-site manager.

Lifespan limitations are not defined for the codes.

Standard user

Users who are assigned to **profiles 00, 07 to 12** have simple opening rights to open the lock with ID and User code and the right to close the lock without code entry and only with ID and ☐key.

There are no additional restrictions (time restrictions, dual code).

They can be "retrofitted" via the administrative profiles by means of a configuration upload.

TDO (Time delay override)

The user **profile 01** has the same rights as a standard user, with the restriction that they may not start a delay time but may cancel and open a running time delay prematurely.

This forces a kind of 4-eye principle / dual code to prevent the uncontrolled bypassing of a delay time restriction.

OTC Admin

User 49 is assigned to the **profile 03** via the user table. This means that the associated rights can be exercised by entering an Admin-OTC code. As Admin OTCs are usually used for remote administration, the rights go beyond those of the local administrator and can also be used for user administration. This profile merges the Manager and Admin profiles.

Manager

Every system is set up to have only one manager **profile 04**. When delivered, user 00 is assigned to this profile. This profile is intended to reflect the tasks of a branch manager, who is responsible for user administration.

This means that this user may create and/or delete additional users in addition to the actual opening of the lock. This also includes the right to read an audit.

Admin

The Admin **profile 05** initially may not open the lock. User 20 is assigned to this profile on delivery. They are responsible for defining all restrictions and system settings by uploading an appropriate configuration. They can initialise the system and activate/deactivate external interfaces.

OTC user

The masked users 47 and 48, which are managed by the OTC module when connected, are assigned to this **profile 06**. In terms of the scope of rights, they correspond to those of the standard users.

Service

The service **profile 13** enables users to be generated who can initiate the pairing process / initialisation as well as certain configuration tasks even without admin.

In addition, service users can activate/deactivate input/output functions.

The associated restrictions are also deactivated when the inputs and outputs are switched off. This primarily concerns external signals, which prevent a lock from closing or opening under certain conditions.

One-off opening (One cycle code)

Users associated with this **profile 14** can only open once and are then automatically deleted.

This can be used for service applications or employees who only step in for a short time.

Keypad configuration / global settings

Weekly programs

The time windows to be set define the opening time windows, i.e. opening is possible within these time intervals. The assignment of the weekly programs is a profile restriction within a lock. The definition and cancellation of the time windows are controlled by the keypad.

	active	WP1		active	WP2			active	WP3	
		Start	End		Start	End			Start	End
Su		00:00	00:00		00:00	00:00			00:00	00:00
Mo		00:00	00:00		00:00	00:00			00:00	00:00
Tu		00:00	00:00		00:00	00:00			00:00	00:00
We		00:00	00:00		00:00	00:00			00:00	00:00
Th		00:00	00:00		00:00	00:00			00:00	00:00
Fr		00:00	00:00		00:00	00:00			00:00	00:00
Sa		00:00	00:00		00:00	00:00			00:00	00:00

	active	WP4		active	WP5	
		Start	End		Start	End
Su		00:00	00:00		00:00	00:00
Mo		00:00	00:00		00:00	00:00
Tu		00:00	00:00		00:00	00:00
We		00:00	00:00		00:00	00:00
Th		00:00	00:00		00:00	00:00
Fr		00:00	00:00		00:00	00:00
Sa		00:00	00:00		00:00	00:00

Delay time setting

Time Delay profile	Delay time [min]	Opening window [min]
0	0	1
1	0	1
2	0	1
3	0	1
4 (Alarm)	0	1

Delay times are not defined in the delivery state.

Special days

As delivered, no special days are defined for blocking or releasing.

IO Mapping

	Lock ADR	00					01					02				
	Logic (H/L)	H	H	H	L	L	H	H	H	L	L	H	H	H	L	L
	Function	Out1	Out2	Out3	IN1	IN2	Out1	Out2	Out3	IN1	IN2	Out1	Out2	Out3	IN1	IN2
Outputs	Time Delay active			X												
	Bolt Position															
	Open signal															
	Secure Signal	X														
	Silent Alarm Set		X													
Inputs	Door contact															
	Boltwork position					X										
	Ext. menu block.															
	Ext. opening block.				X											

Tag IDs

In the delivery state, users are not assigned any additional Dallas keys as an authorization tag.

Daylight saving time

The changeover is carried out using date tables to be uploaded with the corresponding switchover dates. These are calculated depending on the northern or southern hemisphere. Since the location of use is not known, the function is deactivated upon delivery.

General settings input unit

Reclosing time (autoclose)

Both locks 60 s

Day / night closing (automatically closing by time window)

Not active. The lock is closed at the end of the respective opening window with defined and active weekly program 5.

Master keypad

No 2nd input unit

The 2nd keypad can only be used for the input of opening or closing codes. All configuration settings must be entered via the master input device.

Lock configuration operating side

User management

i. General settings

User ID	Code digits for setup code								active	setup	Associated profile	
00	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**X**		**04**	**Manager**
01	0	1	0	1	0	1	0	1			00	Stanard User
02	0	2	0	2	0	2	0	2				
03	0	3	0	3	0	3	0	3				
04	0	4	0	4	0	4	0	4				
05	0	5	0	5	0	5	0	5				
06	0	6	0	6	0	6	0	6				
07	0	7	0	7	0	7	0	7				
08	0	8	0	8	0	8	0	8				
09	0	9	0	9	0	9	0	9				
10	1	0	1	0	1	0	1	0				
11	1	1	1	1	1	1	1	1				
12	1	2	1	2	1	2	1	2				
13	1	3	1	3	1	3	1	3				
14	1	4	1	4	1	4	1	4				
15	1	5	1	5	1	5	1	5				
16	1	6	1	6	1	6	1	6				
17	1	7	1	7	1	7	1	7				
18	1	8	1	8	1	8	1	8				
19	1	9	1	9	1	9	1	9				
20	2	0	2	0	2	0	2	0	X		05	Admin
21	2	1	2	1	2	1	2	1				
22	2	2	2	2	2	2	2	2				
23	2	3	2	3	2	3	2	3				
24	2	4	2	4	2	4	2	4				
25	2	5	2	5	2	5	2	5				
26	2	6	2	6	2	6	2	6				
27	2	7	2	7	2	7	2	7				
28	2	8	2	8	2	8	2	8				
29	2	9	2	9	2	9	2	9				
30	3	0	3	0	3	0	3	0				
31	3	1	3	1	3	1	3	1				
32	3	2	3	2	3	2	3	2				
33	3	3	3	3	3	3	3	3				
34	3	4	3	4	3	4	3	4				
35	3	5	3	5	3	5	3	5				
36	3	6	3	6	3	6	3	6				
37	3	7	3	7	3	7	3	7				
38	3	8	3	8	3	8	3	8				
39	3	9	3	9	3	9	3	9				
40	4	0	4	0	4	0	4	0				
41	4	1	4	1	4	1	4	1				
42	4	2	4	2	4	2	4	2				

43	4	3	4	3	4	3	4	3				
44	4	4	4	4	4	4	4	4				
45	4	5	4	5	4	5	4	5				
46	4	6	4	6	4	6	4	6				
47	5	5	7	1	7	3	3	4	x		06	OTC- User
48	5	5	7	1	7	3	3	4	x		06	OTC- User
49	5	5	7	1	7	3	3	4	x		03	OTC- Admin
50												

Dualcode
Four-eye principle / dual code when opening

[Users / Dualcode / Opening]

	PID	00 Standard user	01 TDO	02 Gateway	03 OTC- Admin	04 Manager	05 Admin	06 OTC- Nutzer	07 Nutzergruppe 2	08 Nutzergruppe 3	09 Nutzergruppe 4	10 Nutzergruppe 5	11 Nutzergruppe 6	12 Nutzergruppe 7	13 Service	14 Einmalöffnung	15 Sperrprofil
Standard user	00																
TDO	01																
Gateway	02																
OTC- Admin	03																
Manager	04																
Admin	05																
OTC- user	06																
User group 2	07																
User group 3	08																
User group 4	09																
User group 5	10																
User group 6	11																
User group 7	12																
Service	13																
Single opening	14																
Lock profile	15																

No dual code conditions defined in the delivery state.

Four-eye principle zip / dual code when uploading configurations

[Users / Dualcode / Upload]

	PID	00 Standard user	01 TDO	02 Gateway	03 OTC- Admin	04 Manager	05 Admin	06 OTC- Nutzer	07 Nutzergruppe 2	08 Nutzergruppe 3	09 Nutzergruppe 4	10 Nutzergruppe 5	11 Nutzergruppe 6	12 Nutzergruppe 7	13 Service	14 Einmalöffnung	15 Sperrprofil
Standard user	00																
TDO	01																
Gateway	02																
OTC- Admin	03																
Manager	04																
Admin	05																
OTC- user	06																
User group 2	07																
User group 3	08																
User group 4	09																
User group 5	10																
User group 6	11																
User group 7	12																
Service	13																
Single opening	14																
Lock profile	15																

No dual code conditions defined in the delivery state.

Global

The alarm sum was set to 2. To trigger a silent alarm, this must be added to the last code digit. In the case of a result > 9, the last code digit corresponds to the lowest value digit.

Profile

Properties

[Properties]

All profiles are assigned to time delay counter 0.

		Active	One Cycle	Renewable	Time Delay
Standard user	00	X		X	TD0
TDO	01	X		X	TD0
Gateway	02			X	TD0
OTC- Admin	03	X		X	TD0
Manager	04	X		X	TD0
Admin	05	X		X	TD0
OTC- user	06	X		X	TD0
User group 2	07	X		X	TD0
User group 3	08	X		X	TD0
User group 4	09	X		X	TD0
User group 5	10	X		X	TD0
User group 6	11	X		X	TD0
User group 7	12	X		X	TD0
Service	13	X		X	TD0
Single opening	14	X	X	X	TD0
Lock profile	15	X		X	TD0

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General rights assignment

[Rights / Common]

	PID	Lock Closed	Immediate Blocking	Initialize	Read Audit	Download Config	Set I/O		Set RTC	Close short command	Close	Open	Time Delay Overrride	Start Time Delay	Change Dures Alarm Time	Change TimeDelay 0	Change TimeDelay 1	Change TimeDelay 2	Change TimeDelay 3
Standard user	00	X								X	X	X		X					
TDO	01	X								X	X	X	X						
Gateway	02		X	X	X	X						X	X		X				
OTC- Admin	03	X	X		X	X	X		X	X	X	X		X	X	X	X	X	X
Manager	04	X	X		X					X	X	X		X					
Admin	05	X		X	X	X	X		X						X	X	X	X	X
OTC- user	06	X								X	X	X		X					
User group 2	07	X								X	X	X		X					
User group 3	08	X								X	X	X		X					
User group 4	09	X								X	X	X		X					
User group 5	10	X								X	X	X		X					
User group 6	11	X								X	X	X		X					
User group 7	12	X								X	X	X		X					
Service	13	X		X	X				X	X	X	X		X					
Single opening	14	X								X	X	X		X					
Lock profile	15																		
Corresponding menu/command			*04	*83	*67	*66	*30		*61	1D*	ID+code	ID+code	ID+code	ID+code	*21	*21	*21	*21	*21

A lifespan limitation via the profile settings is not provided.

Rights assignment Add user

[Rights / Add User]

	PID	00 Standard user	01 TDO	02 Gateway	03 OTC- Admin	04 Manager	05 Admin	06 OTC- user	07 User group 2	08 User group 3	09 User group 4	10 User group 5	11 User group 6	12 User group 7	13 Service	14 Single opening	15 Lock profile
Standard user	00																
TDO	01																
Gateway	02	X	X	X				X	X	X	X	X	X	X	X	X	X
OTC- Admin	03	X	X	X				X	X	X	X	X	X	X	X	X	
Manager	04	X	X	X				X	X	X	X	X	X	X	X	X	
Admin	05																X
OTC- user	06																
User group 2	07																
User group 3	08																
User group 4	09																
User group 5	10																
User group 6	11																
User group 7	12																
Service	13																
Single opening	14																
Lock profile	15																
Corresponding menu/command		⁕00⁕ / ⁕02⁕															

Rights assignment to be able to activate and deactivate profiles

[Rights / Activate Profile]

	PID	00 Standard user	01 TDO	02 Gateway	03 OTC- Admin	04 Manager	05 Admin	06 OTC- user	07 User group 2	08 User group 3	09 User group 4	10 User group 5	11 User group 6	12 User group 7	13 Service	14 Single opening	15 Lock profile
Standard user	00																
TDO	01																
Gateway	02	X	X		X	X		X	X	X	X	X	X	X	X	X	
OTC- Admin	03	X	X					X	X	X	X	X	X	X	X	X	
Manager	04	X	X					X	X	X	X	X	X	X	X	X	
Admin	05																
OTC- user	06																
User group 2	07																
User group 3	08																
User group 4	09																
User group 5	10																
User group 6	11																
User group 7	12																
Service	13																
Single opening	14																
Lock profile	15																
Corresponding menu/command		⁎ 2 2 ⁎ / ⁎ 2 3 ⁎															

Rights assignment Upload configurations

[Rights / Upload]

	PID	Global	Profiles	Dual Code Restriction	Time Restrictions	Users										
Standard user	00															
TDO	01															
Gateway	02	X		X	X	X										
OTC- Admin	03	X		X	X	X										
Manager	04															
Admin	05	X		X	X	X										
OTC- user	06															
User group 2	07															
User group 3	08															
User group 4	09															
User group 5	10															
User group 6	11															
User group 7	12															
Service	13	X			X											
Single opening	14															
Lock profile	15															
Corresponding menu/command		* 6 5 *														

To be able to start an upload, the "Global" right is required. The remaining rights act like filters that define which parts of the transmitted data are hidden or discarded.
If the corresponding right is available, the assigned memory block is adopted and saved.

For example, a user of the service profile can carry out an upload but will only be able to change the time restriction such as weekly programs. Settings regarding user management or dual code conditions will not be changed.

General restrictions on use

[Restrictions / Common]

	PID	Affected by immediate	Opening restricted by signal	Menu restricted by signal	Closing restricted by signal	Affected by days on	Restricted by days off									
Standard user	00	X	X	X	X		X									
TDO	01	X	X	X	X		X									
Gateway	02					X										
OTC- Admin	03	X	X	X	X		X									
Manager	04		X	X	X		X									
Admin	05		X	X	X		X									
OTC- user	06	X	X	X	X		X									
User group 2	07	X	X	X	X		X									
User group 3	08	X	X	X	X		X									
User group 4	09	X	X	X	X		X									
User group 5	10	X	X	X	X		X									
User group 6	11	X	X	X	X		X									
User group 7	12	X	X	X	X		X									
Service	13	X			X		X									
Single opening	14	X	X	X	X		X									
Lock profile	15	X	X	X	X		X									

Restrictions through weekly programs

[Restrictions / Time Programs]

	PID	Restricted by WP 0	Restricted by WP 1	Restricted by WP 2	Restricted by WP 3	Restricted by WP 4										
Standard user	00															
TDO	01															
Gateway	02															
OTC- Admin	03															
Manager	04															
Admin	05															
OTC- user	06															
User group 2	07															
User group 3	08															
User group 4	09															
User group 5	10															
User group 6	11															
User group 7	12															
Service	13															
Single opening	14															
Lock profile	15															

When delivered, no weekly programs are active.

Restrictions due to delay times

[Restrictions / Time Delay]

	PID	Restricted by Time Delay 0	Restricted by Time Delay 1	Restricted by Time Delay 2	Restricted by Time Delay 3											
Standard user	00	X														
TDO	01															
Gateway	02															
OTC- Admin	03															
Manager	04	X														
Admin	05															
OTC- user	06	X														
User group 2	07	X														
User group 3	08	X														
User group 4	09	X														
User group 5	10	X														
User group 6	11	X														
User group 7	12	X														
Service	13															
Single opening	14	X														
Lock profile	15	X														

Lock configuration redundancy side

User management

ii. General settings

User ID	\multicolumn{8}{c}{Codeziffern für Setupcode}	active	setup	\multicolumn{2}{c}{Zugeordnetes Profil}
00	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**X**		**00**	**Standardnutzer**
01	0	1	0	1	0	1	0	1				
02	0	2	0	2	0	2	0	2				
03	0	3	0	3	0	3	0	3				
04	0	4	0	4	0	4	0	4				
05	0	5	0	5	0	5	0	5				
06	0	6	0	6	0	6	0	6				
07	0	7	0	7	0	7	0	7				
08	0	8	0	8	0	8	0	8				
09	0	9	0	9	0	9	0	9				
10	1	0	1	0	1	0	1	0				
11	1	1	1	1	1	1	1	1				
12	1	2	1	2	1	2	1	2				
13	1	3	1	3	1	3	1	3				
14	1	4	1	4	1	4	1	4				
15	1	5	1	5	1	5	1	5				
16	1	6	1	6	1	6	1	6				
17	1	7	1	7	1	7	1	7				
18	1	8	1	8	1	8	1	8				
19	1	9	1	9	1	9	1	9				
20	2	0	2	0	2	0	2	0				
21	2	1	2	1	2	1	2	1				
22	2	2	2	2	2	2	2	2				
23	2	3	2	3	2	3	2	3				
24	2	4	2	4	2	4	2	4				
25	2	5	2	5	2	5	2	5				
26	2	6	2	6	2	6	2	6				
27	2	7	2	7	2	7	2	7				
28	2	8	2	8	2	8	2	8				
29	2	9	2	9	2	9	2	9				
30	3	0	3	0	3	0	3	0				
31	3	1	3	1	3	1	3	1				
32	3	2	3	2	3	2	3	2				
33	3	3	3	3	3	3	3	3				
34	3	4	3	4	3	4	3	4				
35	3	5	3	5	3	5	3	5				
36	3	6	3	6	3	6	3	6				
37	3	7	3	7	3	7	3	7				
38	3	8	3	8	3	8	3	8				
39	3	9	3	9	3	9	3	9				
40	4	0	4	0	4	0	4	0				
41	4	1	4	1	4	1	4	1				
42	4	2	4	2	4	2	4	2				

43	4	3	4	3	4	3	4	3				
44	4	4	4	4	4	4	4	4				
45	4	5	4	5	4	5	4	5				
46	4	6	4	6	4	6	4	6				
47	5	5	7	1	7	3	3	4				
48	5	5	7	1	7	3	3	4				
49	5	5	7	1	7	3	3	4				
50												

Dual code conditions

Four-eye principle / dual code when opening

[Users / Dualcode / Opening]

	PID	00 Standard user	01 TDO	02 Gateway	03 OTC- Admin	04 Manager	05 Admin	06 OTC- Nutzer	07 Nutzergruppe 2	08 Nutzergruppe 3	09 Nutzergruppe 4	10 Nutzergruppe 5	11 Nutzergruppe 6	12 Nutzergruppe 7	13 Service	14 Einmalöffnung	15 Sperrprofil
Standard user	00																
TDO	01																
Gateway	02																
OTC- Admin	03																
Manager	04																
Admin	05																
OTC- user	06																
User group 2	07																
User group 3	08																
User group 4	09																
User group 5	10																
User group 6	11																
User group 7	12																
Service	13																
Single opening	14																
Lock profile	15																

No dual code conditions defined in the delivery state.

Four-eye principle / dual code when uploading configurations

[Users / Dualcode / Upload]

	PID	00 Standard user	01 TDO	02 Gateway	03 OTC- Admin	04 Manager	05 Admin	06 OTC- Nutzer	07 Nutzergruppe 2	08 Nutzergruppe 3	09 Nutzergruppe 4	10 Nutzergruppe 5	11 Nutzergruppe 6	12 Nutzergruppe 7	13 Service	14 Einmalöffnung	15 Sperrprofil
Standard user	00																
TDO	01																
Gateway	02																
OTC- Admin	03																
Manager	04																
Admin	05																
OTC- user	06																
User group 2	07																
User group 3	08																
User group 4	09																
User group 5	10																
User group 6	11																
User group 7	12																
Service	13																
Single opening	14																
Lock profile	15																

No dual code conditions defined in the delivery state.

Global

The silent alarm function is deactivated.

Profile

Properties

[Properties]

All profiles are assigned to time delay counter 0.

		Active	One Cycle	Renewable	Time Delay
Standard user	00	X		X	TD0
TDO	01				TD0
Gateway	02				TD0
OTC- Admin	03				TD0
Manager	04				TD0
Admin	05				TD0
OTC- user	06				TD0
User group 2	07				TD0
User group 3	08				TD0
User group 4	09				TD0
User group 5	10				TD0
User group 6	11				TD0
User group 7	12				TD0
Service	13				TD0
Single opening	14				TD0
Lock profile	15				TD0

General rights assignment

[Rights / Common]

	PID	Lock Closed	Immediate Blocking	Initialize	Read Audit	Download Config	Set I/O		Set RTC	Close short command	Close	Open	Time Delay Overrride	Start Time Delay	Change Dures Alarm Time	Change TimeDelay 0	Change TimeDelay 1	Change TimeDelay 2	Change TimeDelay 3
Standard user	00	X		X	X	X					X	X	X	X					
TDO	01																		
Gateway	02																		
OTC- Admin	03																		
Manager	04																		
Admin	05																		
OTC- user	06																		
User group 2	07																		
User group 3	08																		
User group 4	09																		
User group 5	10																		
User group 6	11																		
User group 7	12																		
Service	13																		
Single opening	14																		
Lock profile	15																		
Corresponding menu/command			*04	*83	*67	*66	*30		*61	1D*	ID+code	ID+code	ID+code	ID+code	*21	*21	*21	*21	*21

A lifespan limitation via the profile settings is not provided.

Rights assignment Add user

[Rights / Add User]

	PID	00 Standard user	01 TDO	02 Gateway	03 OTC- Admin	04 Manager	05 Admin	06 OTC- user	07 User group 2	08 User group 3	09 User group 4	10 User group 5	11 User group 6	12 User group 7	13 Service	14 Single opening	15 Lock profile
Standard user	00																
TDO	01																
Gateway	02																
OTC- Admin	03																
Manager	04																
Admin	05																
OTC- user	06																
User group 2	07																
User group 3	08																
User group 4	09																
User group 5	10																
User group 6	11																
User group 7	12																
Service	13																
Single opening	14																
Lock profile	15																
Corresponding menu/command		⁕ 0 0 ⁕ / ⁕ 0 2 ⁕															

Rights assignment to activate and deactivate profiles

[Rights / Activate Profile]

	PID	00 Standard user	01 TDO	02 Gateway	03 OTC- Admin	04 Manager	05 Admin	06 OTC- user	07 User group 2	08 User group 3	09 User group 4	10 User group 5	11 User group 6	12 User group 7	13 Service	14 Single opening	15 Lock profile
Standard user	00																
TDO	01																
Gateway	02																
OTC- Admin	03																
Manager	04																
Admin	05																
OTC- user	06																
User group 2	07																
User group 3	08																
User group 4	09																
User group 5	10																
User group 6	11																
User group 7	12																
Service	13																
Single opening	14																
Lock profile	15																
Corresponding menu/command		[*][2][2][*] / [*][2][3][*]															

Rights assignment Upload configurations

[Rights / Upload]

	PID	Global	Profiles	Dual Code Restriction	Time Restrictions	Users										
Standard user	00															
TDO	01															
Gateway	02															
OTC- Admin	03															
Manager	04															
Admin	05															
OTC- user	06															
User group 2	07															
User group 3	08															
User group 4	09															
User group 5	10															
User group 6	11															
User group 7	12															
Service	13															
Single opening	14															
Lock profile	15															
Corresponding menu/command		* 6 5 *														

General Usage Restrictions

[Restrictions / Common]

	PID	Affected by immediate	Opening restricted by signal	Menu restricted by signal	Closing restricted by signal	Affected by days on	Restricted by days off								
Standard user	00														
TDO	01														
Gateway	02														
OTC- Admin	03														
Manager	04														
Admin	05														
OTC- user	06														
User group 2	07														
User group 3	08														
User group 4	09														
User group 5	10														
User group 6	11														
User group 7	12														
Service	13														
Single opening	14														
Lock profile	15														

Restrictions through weekly programs

[Restrictions / Time Programs]

	PID	Restricted by WP 0	Restricted by WP 1	Restricted by WP 2	Restricted by WP 3	Restricted by WP 4										
Standard user	00															
TDO	01															
Gateway	02															
OTC- Admin	03															
Manager	04															
Admin	05															
OTC- user	06															
User group 2	07															
User group 3	08															
User group 4	09															
User group 5	10															
User group 6	11															
User group 7	12															
Service	13															
Single opening	14															
Lock profile	15															

When delivered, no weekly programs are active.

Restrictions due to delay times

[Restrictions / Time Delay]

	PID	Restricted by Time Delay 0	Restricted by Time Delay 1	Restricted by Time Delay 2	Restricted by Time Delay 3											
Standard user	00															
TDO	01															
Gateway	02															
OTC- Admin	03															
Manager	04															
Admin	05															
OTC- user	06															
User group 2	07															
User group 3	08															
User group 4	09															
User group 5	10															
User group 6	11															
User group 7	12															
Service	13															
Single opening	14															
Lock profile	15															