SERIES 4500 / 4600 PARAMETER DESCRIPTIONS

PARAMETER	Factory Setting	Description
DRIVING CYCLE		
Closing speed	0...**20**...40	Speed: 0 = slow (Creep speed), 40 = fast Note: Small doors may not reach the set speed, depending upon acceleration rate.
Opening speed	0...**36**...40	Same as closing speed
Open		
Acceleration	0...**30**...40	Acceleration: 0 = slow, 40 = rapid acceleration
Deceleration	0...**30**...40	Braking momentum during opening cycle Deceleration: 0 = slow, 40 = rapid braking force
Creep section	**0**...40	Adjustable creep section at the end of the opening motion. Note: 0 = no creeping 1 = 2.5% of Door Opening Width (DOW) 40 = 100% of DOW
Close		
Acceleration	0...**30**...40	Acceleration: 0 = slow, 40 = rapid acceleration
Deceleration	0...**30**...40	Braking momentum during closing cycle Deceleration: 0 = slow, 40 = rapid braking force
Creep section	**0**...40	Adjustable creep section at the end of the opening motion. Note: 0 = no creeping 1 = 2.5% of Door Opening Width (DOW) 40 = 100% of DOW
Holding force	0...**20**...40	Holding force in closed position Note: In case of high holding force the motor temperature will increase, and may reduce power available.
Ramp		For doors that drop at full closed (type OP-door 2), a ramp can be configured at the full closed position. The ramp function is only enabled in the opening direction. Before the learning cycle, the door briefly stops after the ramp. Note: In the area of the ramp the obstruction monitoring is reduced!
Section	0...40	Length of the ramp (at horizontal) i.e. with a bipart the total opening of the door leaves is twice as big. Note: 0 = ramp function disabled 1 = 4 cm horizontal length of ramp (increments = 0.2 cm) 40 = 12 cm horizontal length of the ramp
Force	0...40	Applied force in the area of the ramp Note: 0 = light force, produces a minor acceleration 40 = heavy force, produces a major acceleration
Seal	0...40	Width of the seal in the closing area. In the adjusted area the obstruction monitoring is reduced during the closing phase. During a learning cycle, increased force is used to attain the closed position. Note: 0 = no seal 1 = 10 mm seal width (in driving direction) 40 = 30 mm seal width (in driving direction)
TIME DELAY OPEN		
Time delay open	**0**...40	Hold-open time when actuated by Interior / Exterior Sensors. Delay starts when actuating signal is removed 0 to 20 = increment 1 second (0 – 20 seconds) 21 to 40 = increment 2 seconds (22 – 60 seconds)
Time delay - Remote switch	0...**4**...40	Hold-open time when actuated by Remote Switch or SSK. Delay starts when actuating signal is removed 0 to 20 = increment 1 second (0 – 20 seconds) 21 to 40 = increment 2 seconds (22 – 60 seconds)
SSK delay	**0**...40	Delay before opening when actuated by Remote Switch or SSK 0 to 40 = increment in 0.2 sec. (0 = 0 sec.; 40 = 8 sec.)

PARAMETER	Factory Setting	Description
Reset with button		
Disabled	X	
Enabled		
DRIVE		
Partial Opening	0...**26**...40	Reduced opening as energy-saving measure 0 = minimum opening = 4 inches per door leaf 40 = full Door Opening Width (DOW)
Close Obstruction	0...**20**...40	Threshold sensitivity to an obstruction during closing. The kinetic energy of the moving door is partially absorbed by the obstacle, until the control detects the increased force. 0 = gentle; 40 = significant
Open Obstruction	0...**20**...40	Threshold sensitivity to an obstruction during opening. The kinetic energy of the moving door is partially absorbed by the obstacle, until the control detects the increased force. 0 = gentle; 40 = significant
Brake		Controls optional internal brake installed in encoder housing
Without	X	Either motor is without brake or brake is not used.
Closed position		Brake energized in closed position, including mode “Locked”.
Open position		Is braked in open position in operating mode “Continuously open” as well as with “Reduced opening” and actuation by SSK.
Closed/One-Way/Locked		Brake energized in closed position when in modes "One-Way / Exit Only" and "Locked".
Closed, Locked		Brake energized in closed position when in mode "Locked".
Motor		Based on the control used, not all motor drives are supported.
Without	X	
ATE 20		Motor is automatically identified Designation: ATE STA 20 (size 63x55)
ATE 21		Motor is automatically identified Designation: ATE STA 21 (size 63x25)
ATE 19 small		Designation: ATE STA 19 (size 63x25) NOTE: ATE 19 is not detected automatically.
ATE 19 large		Designation: ATE 19 (size 63x55) NOTE: ATE 19 is not detected automatically
ATE 16 normal		Designation: ATE 16 (102-016029001) NOTE: ATE 16 is not detected automatically
ATE 16 heavy		Designation: ATE 16 (102-016025001) NOTE: ATE 16 is not detected automatically
ATE 17		Designation ATE 17 (size 63x25) NOTE: ATE 17 is not detected automatically
ATE 20 Folding door		ATE 20 with special pulley for folder (ATE 20 will be detected automatically and set for door type Folder)
ATE 16 Folding door		ATE 16 with special pulley for folder NOTE: ATE 16 is not detected automatically
ATE 16 30V		NOTE: ATE 16 is not detected automatically
ATE 20 / 200		Motor is automatically identified
Two motors		
Disabled	X	
Enabled		
Emergency operating BAT		Configured action is carried out with lead-acid battery when either - the unit experiences loss of incoming power; or the battery voltage is low. Note: Once action is completed, the control powers down In the powered down state, the control will respond to a SSK actuation, and the door will open with battery power.
Close, do not lock		Door closes, but does not lock
Unlock and open		Door unlocks and opens
Close and lock		Door closes and locks
Open if not locked	X	Door opens, as long as it is not in mode "Locked"

SERIES 4500 / 4600 PARAMETER DESCRIPTIONS

PARAMETER	Factory Setting	Description
Power failure		
Battery operation		Door continues normal functioning until battery capacity is low, then the configured Emergency operating BAT function is executed.
Emergency operation	X	After a power failure, the door immediately performs the operation specified by “Emergency operating BAT”.
Battery		
Without battery	X	
Lead-acid battery		Battery is automatically identified on application of incoming power.
ENTRANCE SYSTEM		
A-dimension	650 … **2000**	Door Opening Width (DOW) - measured in mm: 0 to 59,999
G-dimension		Door Opening Height (DOH) - measured in mm: 0 to 59,999
Door leaf		Supports calculation of door parameters
DST		Bi-parting door D-STA, D-TSA
EST-L/R		Single-leaf door left / right: E-STA, E-TSA
Interlock(with FEM-1)		Requires a FEM-1. Direction detecting sensors are recommended to avoid nuisance open cycles (depending on the operating mode). A SIS-signal during the closing cycle affects only the open door. The reduced opening width is supported.
Disabled	X	
All operating modes		Interlock is active during operating modes: Automatic, One-way, & Locked. The interlock function is ignored if both doors are in the operating mode “Continuously Open”. This operating mode is to be used for the passage of bulky goods. Manual control of the door is not recommended, because it’s only possible to open the opposite door, if the door is pushed closed completely in manual mode. A locked outer door will be unlocked and opened by an interlocked control unit receiving a SSK actuation.
One-way & Locked		Interlock is active during operating modes: One-way and Locked. During the automatic mode both doors open at the same time, as soon as activation has taken place on one side. The operating modes Manual and Continuously open are described under the above “All operating modes”.
Door type		NOTICE: A modification of door type causes a reset of the running parameters and sets certain parameters, such as AUX0-IN, to a predefined function. Some drives only support certain door types.
Basic operator	X	European standard operating mode
CO48 Ventouse		Mechanical power storage, with separate carriage, which is maintained in closed position by a magnet.
TOS		Surveillance of manual locking devices on the door leaves. Inputs must be programmed on FEM-0: TOS_DV1, TOS_DV2. Operating mode “Automatic” or “One-Way”: manual locking device(s) must be open (0V/open on AUX2_IN and AUX3_IN), otherwise door fails to open Operating mode “Locked”: manual locking devices must be closed, otherwise anti-burglar protection is not guaranteed. error 29 on Display Control Panel. SSK function is enabled.
FlipFlow		The bi-parting swing door (DDF) has been successfully integrated. For the FlipFlow the adjustable speed for the safety signals (Emergency Open or Close) has been created. Note: In case of Emergency Open or Close operation, safety inputs are ignored An increase in speed reduces the personal safety, but increases the building security.
CO48 Sandow Direct		Mechanical power storage for door motion during a power failure, or emergency condition.

PARAMETER	Factory Setting	Description
Basic escape route		Standard requirement for the UK, always with lead - acid battery Power failure response: Reaction according to "Emergency operating BAT". After return of mains voltage, the previous operating mode is restored. Battery problem response: In case of a defective or insufficiently charged battery, the door opens approximately 12 inches and stops; This can be reset - by momentarily removing power, or using the FPC 902, or momentarily interrupting the Emergency Stop input.
Folding Door, Austria		Operation compliant with regulations in Austria
Breakout USA		When enabled, the following parameters are modified: Emergency stop with reset cannot be enabled; Sidescreen sensing (SIO) is set to creep.
Ratchet		Function for pulse control (Safety active) AUX00_IN (Terminal 4) is actuated by application of +24VDC Door closed: when actuated, door opens and remains open If actuated when door is closed, door will open and remain open If actuated when door is open, door will close and remain closed If actuated when door is opening, door will stop; a 2nd actuation will cause the door to open If actuated when door is closing, door will return to open and stop A door in Locked Mode will not respond to AUX00_IN To unlock and open the door, the SSK input has to be actuated and remain actuated (dead man OPEN). After reaching the closed position, (AUX00_IN) will lock the door again. The operation mode Continuously open will open the door Emergency Override (Open or Close) cannot be enabled.
Dead man		Dead man - doors actuated by "Knowing Act" devices, and require continuous actuation during door motion. Door will stop if signal is removed, and will resume when signal resumes. AUX00_IN (Term. 4) = Opening Input; +24V will initiate opening AUX01_IN (Term. 6) = Closing Input; +24V will initiate closing If both inputs are actuated simultaneously, door will stop, and both signals must be removed before door will respond to a subsequent signal. A door in Locked Mode will not respond to AUX00_IN To unlock and open the door, the SSK input has to be actuated and remain actuated (dead man OPEN). After reaching the closed position, (AUX01_IN) will re-lock the door.
OP door 1		Preset Parameters: Open and Closed Creep sections are set to 4 Time Delay Open and Time Delay Remote Sw. are increased AUX00_IN = AKA pushbutton AUX01_IN = Continuously open Push to actuate is enabled
OP door 2		Same configuration / pre-settings as OP door 1. In addition, the ramp (value = 20) and the seal (value = 20) are enabled.
Folding door		Door size cannot be determined by standard methodology (rotary motion of the drive does not vary with door size). For optimal door operation (including Obstruction detection), the Door Opening Width (DOW) should be keyed into the "A-dimension" above, using either the FPC 902 or the Display Control Panel
Smoke-protection	Not Available	

PARAMETER	Factory Setting	Description
3 button		Requires FEM 0 Expansion Module Functions: OPEN – CLOSE – STOP AUX00_IN (Term. 4) = Open Input; +24V will initiate opening AUX01_IN (Term. 6) = Close Input; +24V will initiate closing, signal must be maintained during closing or door will stop. AUX02_IN (FEM 0) = Stop Switch (SIO), both opening & closing A door in Locked Mode will not respond to AUX00_IN To unlock and open the door, the SSK input has to be actuated and remain actuated (dead man OPEN). After reaching the closed position, (AUX01_IN) will lock the door again. The operation mode Continuously open will open the door.
Default		
Folding door, basic		Similar to "Folding door" above; optimized for Europe.
Industry 1		
CONTROL PANEL		
Mechanical Panel		Connect to AUX00_IN and AUX01_IN or with FEM-0
Disabled	X	
3 Pos. (AUTO)		Will require programming of parameters in Input/Output / STG: AUX00_IN = BDEM2 and AUX01_IN = BDEM1
One-way (EXIT)		Will require programming of parameters in Input/Output / STG: AUX00_IN = BDEM2 and AUX01_IN = BDEM1
Rocker & KeySw		Will require programming of parameters in Input/Output / STG: AUX00_IN = BDEM2 and AUX01_IN = BDEM1
Partial Opening		Will require programming of parameters in Input/Output / STG: AUX00_IN = BDEM2 and AUX01_IN = BDEM1
Display Panel		Note: After changing Display Panel settings, it is recommended to initiate a soft reset of the control to insure new settings are saved.
Language		Language is selected when first starting the Display Control Panel (and after resetting factory settings): Deutsch/Francais/English/**English US**, Italiano, Espanol, Nederlands, Danish, Slovenscina, Polski, Magyar, Czech
Keyboard	Locked	Locked-mode: If not closed, when selected, the door will close. If unit has electric lock, it will be engaged; if no lock, the motor will power the door closed when a manual open motion is attempted. OFF-mode: Unit will stop automatic operation and will not resist manual motion of the door.
Contrast BDE 1	0...**20**...40	Display contrast for Primary Display Control Panel Note: 0 = lower contrast (hardly noticeable) 40 = higher contrast (possible streaking on display)
Contrast BDE 2	0...**20**...40	Contrast for Second Display Panel (Similar to Contrast BDE 1)
Brightness BDE1	0...**20**...40	Display brightness (backlight) for BDE 1 Note: 0 = pale backlight for applications with weak ambient light 20 = medium backlight for normal ambient light conditions 40 = intense backlight for applications with bright ambient light
Brightness BDE2	0...**20**...40	Display brightness (backlight) for BDE 2 (similar to BDE 1)
Light time delay	0...**10**...40	Period of time for backlight illumination of display 0 = no lighting 1 - 39 = lighting period in seconds 40 = backlight illumnation constantly on
Default operating mode		This designates the operating mode if no BDE-D or FEM-0 is connected or are interrupted, and if no BDE-M outputs are configured.
Off		
Locked	X	

PARAMETER	Factory Setting	Description
Automatic		Note: A locked door may change to "Automatic" operating mode if the Display Control Panel is disconnected or damaged. If this mode is requested by the owner, this should be discussed.
Continuous open		
LOCKING		
Locking function		Door is locked through selection of operating modes
Night locked	X	Electric lock is engaged when "Locked" operating mode is selected.
1-Way locked		Electric lock is engaged in 1-Way (EXIT) operating mode.
Always locked		Electric lock is engaged in all operating modes when door is closed.
Locking type		Locking types are not automatically identified & must be programmed
Without	X	No electric lock present
Motor-powered		VRR 20 (motorised, bi-stable)
Bi-stable		VRR 16 (magnetic, bi-stable)
MPV 20		Multipoint locking device, system 20 (motorised)
MPV 16		Multipoint locking device, system 16 (motorised)
Magnet		Magnet locking device (without VAK) unlocked with no voltage
Fail secure		Monostable locking device, locks with no voltage applied
Fail safe		Monostable locking device, unlocks with no voltage applied
Double		Triggering of the additional unit for 2 locks Is used on FBO & PST
Start delay	**0**...40	Delay: max. 8 seconds between unlocking and door to begin opening
Closed VRR error		If enabled, a lock failure at closed will not cause the door to open 6".
Push force	0...40	Increases the closing force for a short time while locking and unlocking, in order to relieve mechanically the locking bolt.
CAN BUS		
Optional Units on CAN bus		Any unit connected is automatically identified & displayed with a "1". Disconnected units are displayed with "?" and must be removed manually with FPC902. Not available units are displayed with a "0".
FEM-0	0	Extended function module 0 - 2 configurable inputs - 1 configurable relay output (contact . 24V) - 2 ELS (Safety Beam) connections (pre-configured) - each 1 AKI-/AKA-connection (pre-configured) - BDE-M connection (pre-configured)
FEM-1	0	Extended function module 1 - 4 configurable inputs - 14 configurable relay outputs potential-free closed-circuit contact or break contact to be chosen Basic setting: closed-circuit contact - selection with jumper All FEM1 outputs can be activated with the available configurations Availability depends on control unit.
AKI 1	0	RAD: motion sensor 1 – interior
SI 1	0	RIC: safety sensor 1 – interior
AKA 1	0	RAD: motion sensor 1 – exterior
SA 1	0	RIC: safety sensor 1 – exterior
SL	0	AIR: safety “sidescreen” – left
SR	0	AIR: safety “sidescreen” – right
AKI 2	0	RAD: motion sensor 2 – interior
SI 2	0	RIC: safety sensor 2 – interior
AKA 2	0	RAD: motion sensor 2 – exterior
SA 2	0	RIC: safety sensor 2 – exterior

SERIES 4500 / 4600 PARAMETER DESCRIPTIONS

PARAMETER	Factory Setting	Description
INPUT/OUTPUT		
STG		
AUX00_IN AUX01_IN AUX04_IN		Terminals 4, 6, & 18 on control module STG 20 UNI Note: With parameters identified as "Safety" require a closed circuit for normal door operation, and when the circuit is opened the signal is enabled. Not all functions are available on each AUX input.
Disabled	X	
SÖK or NSK (Emergency Open or Close)		Safety opening or closing has priority over Actuating and Safety Inputs, and Obstruction Detection is ignored. Connection to +24V enables standard door operation. Interruption of the +24V to the input will initiate the programmed Emergency Open or Close.
SURV (Remote engagement of Locked mode)		System response to Input: 0V/open = "Locked" operating mode 24V = Operating mode set by Display Control Panel When used to "Lock", Display Control Panel cannot override Remote Sw (SSK) and safety beams remain functional.
BDE-M (Mechanical Control Panel)		AUX00_IN = BDEM_2 and AUX01_IN = BDEM_1, or connect to FEM-0 (preconfigured connections) Note: Mech. Panel must be enabled in Control Panel parameters Only one Mech. Panel can be connected When set to "Continuous Open", door opens, then changes to Manual mode. If Display Control Panel is also connected, the Mech. Panel has priority, except for "Off/Locked" mode, and Display Panel will indicate mode set by Mech. Panel.
Continuously Open		Safety input (+24V for normal door operation), Momentary signal: 1st pulse = Continuous open, 2nd pulse = previous operating mode Note: A locked door can be unlocked, safety sensors are active
SIS		Safety during closing cycle (Not active when door closed). Door will reopen and remain open when signal is open. 0V = actuated.
SIO		Safety during opening cycle, including inhibiting motion at beginning of open cycle. Not active during closing cycle. Will stop door or continue opening slowly (creep), based on parameter Input/Output / SIO below. Functional on all open actuatons. 0V = actuated.
AKI Button reduced		Momentary actuation for reduced opening. Opening signal from other inputs will override and door will fully open. 24V = actuated. Will not open a door in "Locked" operating mode. Note: A maintained actuation of this input will not hold door open.
Broken rubber cord		
Opening Deadman		Maintained contact. When signal is present, door will open, if signal is removed, door will stop. Functional with Door Type: Dead Man.
Closing Deadman		Maintained contact. When signal is present, door will close, if signal is removed, door will stop. Functional with Door Type: Dead Man.
AKI Button		Momentary actuation for full door opening. 24V = actuated. Note: A maintained actuation of this input will not hold door open.
Closing Button		Momentary contact. When actuated, door will close. SIS is active. If door stopped or re-opened during closing (SIS), a 2nd contact closure will be required. 24V = actuated.
Ratchet		Sequential control (momentary actuation). See Door Type / Ratchet
Emergency Opening		Safety input. Door will open if not on "Locked" operating mode. Door will then revert to current operating mode. 0V = actuated.
SURA (Remote engagement of 1-Way mode)		System response to Input: 0V/open = "1-Way"(EXIT) operating mode 24V = Operating mode set by Display Control Panel When used to enable "1-Way / EXIT" mode, Display Control Panel can override only to "Locked / Off" operating mode. Remote Sw (SSK) and safety beams remain functional.

PARAMETER	Factory Setting	Description
AKA Button		Momentary actuation for full door opening. 24V = actuated. Not active when door in "1-Way / EXIT" operating mode. Note: A maintained actuation of this input will not hold door open.
AKA Button Reduced		Momentary actuation for reduced opening. Opening signal from other inputs will override and door will fully open. 24V = actuated. Will not open a door in "1-Way/EXIT" or "Locked" operating modes. Note: A maintained actuation of this input will not hold door open.
VRR manual		Safety input - used with lock monitor switch on mechanical lock not controlled by door controller. When actuated, Display Control Panel will alternately indicate "Manually Locked" and current operating mode. 4 second delay before return to set mode. 0V = actuated.
Reset SÖK_NSK		Reset Emergency Open / Close (Not available on AUX4_IN)
SIA		Safety input - typically used on folding door systems. If actuated when door is closed, door will either not open (stop) or open slowly (creep) based on Input/Output / SIA parameter below. If actuated when door open, door remains open until signal removed. SIA is ignored when door is in motion (open & close). 0V = actuated.
AUX0_OUT		Dry Contacts on STG: Terminals 8 (NO), 9 (COM), & 10 (NC) Rated 1 Amp at 30VDC
Disabled	X	
Test Sensors	Available only on CAN-Bus	Is needed as functional test for safety sensors, and triggers prior to each “dangerous” door motion (e.g. closing motion)
Alarm output		After the configured time (parameter Miscellaneous / Alarm display) has expired, the error is displayed on the BDE-D and relay is de-energized. In normal mode, relay energized, COM & NO connected.
Gong		No ELS signal (Safety during closing/SIS): Relay is de-energized. Reacts to ELS or presence surveillance signal, when door is open/ activated. In case of a constant signal, every 10 seconds a pulse will be activated for approx. 1 sec. This is applicable as well during the learning phase of a RIC 290.
Locked		When not locked: Relay is de-energized, COM & NC connected.
Closed		Output triggers slightly delayed, as soon as the door is closed (static opening D-STA < 20mm). Functional in Manual mode.
Warning		Pre-warning before the door opens/closes and while the door is in motion
Open		Relay energized when door is at full open (COM & NO connected), and remains energized until door begins closing.
AKI		Output triggers when Interior sensor is actuated.
AKA		Output triggers when Exterior sensor is actuated.
ZLP		
ZLP1		Additional printed circuit board to connect conventional threshold safety beams. Once the ZLP-ELS beams are recognized (automatic recognition), parameter can only be changed with the FPC 902.
Without	X	No additional printed circuit board connected
ELS		Additional printed circuit board connected for 2 ELS
FEM 0		See additional instructions provided with FEM 0 expansion module
FEM 1		See additional instructions provided with FEM 1 expansion module
Ext. Sw IN		Function of Exterior Sensor (AKA)
Ext. Sw IN		Exterior sensor is active during closing cycle when in operating modes "One-Way" and "Locked" for safety.
Inactive by 1way and locked		Exterior sensor is not active during closing cycle when in operating modes "One-Way" and "Locked".
Disabled		Exterior sensor is not active as a motion sensor; signals from it are ignored by the control unit. Presence detection with RIC 290 is possible.

PARAMETER	Factory Setting	Description
Emerg. Opn / Cls		Set functions of Emergency Signal Input
Function		Function Options: Disabled Emergency Open Emergency Close; Manual & Remote Switch active Emergency Close & Lock Emergency Close & Lock; Remote Switch active Emergency Close; Manual Override
Speed (Flip-Flow)	**0**…40	Set response time: 0 to 40. Applicable to Door Type Flip Flow only.
Emerg. Stop Reset		Disabled or Enabled
SIO		Function of Sensor covering Side Approach
Function SIO		**Stop** or Creep
Activate SIO	**0**…40	Adjustable 0 to 40
Suppression SIO	0…**40**	Adjustable 0 to 40
SIS		Function of Sensor covering door path: **Stop** Reversing direction Creep (Slow speed)
SIA		Function of Sensor for Folding Door Safety: **Stop** Creep (Slow speed)
MISCELLANEOUS		
TOWA		
Disabled or Enabled	X	If both Interior and Exterior Sensors are simultaneously actuated, or one actuated longer than 20 seconds, a door in "Partial Open" will fully open for that cycle, then revert back to "Partial Open" mode.
Push to act. Open		Note: Adjustment of holding force when closing is ignored
Disabled	X	
Normal		Opening width per current operating mode (Full or Partial Opening)
Reduced		Partial opening width
Push to act. Close		
Disabled Enabled		Note: Open time delay will be ignored if enabled and door is pushed.
Push Holding force	**0**...40	Force required to initiate function: 0 = light; 40 = heavy
Lead Time Open	0...**1**...40	Pre-warning time after the open signal, before the door actually moves, and warning continues while the door is in motion. Note: 0 = No pre-warning and no warning while in motion 1 = 0.2 seconds pre-warning + warning 40 = 8 seconds pre-warning + warning (opening delayed 8 sec.) The push to open function will interrupt the pre-warning delay.
Lead Time Close	0...**1**...40	Pre-warning after the open time expires, before the door begins closing, and warning continues during the door is in motion. Note: 0 = No pre-warning and no warning while in motion 1 = 0.2 seconds pre-warning + warning 40 = 8 seconds pre-warning + warning (closing delayed 8 sec.) The push to close function will interrupt the pre-warning delay.
Alarm display		Display for AKI/AKA/SSK or SIO/SIS/ELS If the alarm output is configured, it will be disabled after the preset time.
Time release	0...**18**...40	Delay time during a permanently “on” signal, until an error message is displayed - 0 = No Alarm Screens will be displayed; 1 to 40 = Delay before Display in 5 sec. increments (5s. min/200s. max)
Time safety	0...**16**...40	Similar to Time release above
Obstruction Alarm		
Disabled	X	The Display Control Panel will not indicate an Obstruction alarm.
Enabled		The Display Control Panel will indicate an Obstruction alarm. If the Alarm Output is configured (Input/Output / STG / AUX0_OUT / Alarm Display), it will also change state to indicate the alarm.