



1 [Simply start] *S Y S -*

1.1 [Macro Config] *C F G*

- [Start/Stop] *b S t S*
- [Auto/Manual] *b A M M*
- [PID controller] *b P i d*
- [Preset speeds] *b P S P*
- [Modbus] *b M b C*
- [Multi-pump 1] *b M P 1*
- [Multi-pump 2] *b M P 2*

1.2 [Simply start] *S i P -*

- [Nominal Motor Power] *n P r*
- [Nom Motor Current] *n C r*
- [Motor Th Current] *i t H*
- [Acceleration] *a C C*
- [Deceleration] *d E C*
- [Low speed] *L S P*
- [High speed] *H S P*
- [Output Ph Rotation] *P H r*
- [Ref Freq 1 Config] *F r 1*
- [OutPhaseLoss Assign] *o P L*
- [2/3-Wire Control] *t C C*
- [Dual rating] *d r t*

1.3 [Modified parameters] *L P d -*

2 [Display] *P o n -*

2.1 [Motor parameters] *M P o -*

- [Motor Speed] *S P d*
- [Motor voltage] *u o P*
- [Motor Power] *o P r*
- [Motor Torque] *o t r*
- [Motor Current] *L C r*
- [Motor Therm State] *t H r*

2.2 [Drive parameters] *M P i -*

- [Pre-Ramp Ref Freq] *F r H*
- [Ref Frequency] *L F r*
- [Motor Frequency] *r F r*
- [Mains Voltage] *u L n*
- [DC bus voltage] *v b u S*
- [Drive Therm State] *t H d*
- [Used param. set] *C F P S*
- [Motor Run Time] *r t H H*
- [Power-on time] *P t H H*
- [IGBT Warning Counter] *t A C*
- [PID reference] *r P C*
- [PID feedback] *r P F*
- [PID Error] *r P E*
- [PID Output] *r P o*

2.3 [I/O Map] *i o P -*

- [Digital Input Map] *L i A -*
- [Analog inputs image] *A i A -*
 - [AI(x) assignment] *A i X A*
 - [AI(x) Min. Value] *u i L X*
 - [AI(x) Max Value] *u i H X*
 - [AI(x) Min. Value] *C r L X*
 - [AI(x) Max Value] *C r H X*
 - [AI(x) filter] *A i X F*

where *x* is a number from 1 to 5
- [Analog outputs image] *A o A -*
 - [AQ(x) assignment] *A o X A*
 - [AQ(x) min Output] *u o L X*
 - [AQ(x) max Output] *u o H X*
 - [AQ(x) min output] *A o L X*
 - [AQ(x) max output] *A o H X*
 - [Scaling AQ(x)min] *A S L X*
 - [Scaling AQ(x)max] *A S H X*
 - [AQ(x) Filter] *A o X F*

where *x* is a number from 1 to 2
- [Digital Output Map] *L o A*

2.4 [Energy parameters] *E n P -*

- [Motor Consumption] *n E 4*
- [Motor Consumption] *n E 3*
- [Motor Consumption] *n E 2*
- [Motor Consumption] *n E 1*
- [Motor Consumption] *n E 0*

2.5 [Communication map] *C P n -*

- [Command Channel] *C P d C*
- [Cmd Register] *C P d*
- [Ref Freq Channel] *r F C C*
- [Pre-Ramp Ref Freq] *F r H*
- [CIA402 State Reg] *E t A*
- [Modbus network diag] *M n d -*

- [COM LED] *M d b l*
- [Mdb Frame Nb] *M l c t*
- [Mdb NET CRC errors] *M l E c*
- [Com. scanner input map] *i S A -*
 - [Com Scan In(x) val.] *n n l* to *n n B*
- [Com scan output map] *o S A -*
 - [Com Scan Out(x) val.] *n c l* to *n c B*
- [Modbus HMI diag] *M d H -*
- [COM LED] *M d b 2*
- [Mdb NET frames] *M 2 c t*
- [Mdb NET CRC errors] *M 2 E c*
- [Command word image] *C W i -*
- [Modbus Cmd] *C M d l*
- [COM. Module cmd.] *C M d 3*
- [Freq. ref. word map] *r W i -*
 - [Modbus Ref Freq] *L F r i*
 - [Com Module Ref Freq] *L F r 3*

2.6 [Application Parameters] *A P r -*

- [Variable Speed Pump] *P P P -*
 - [Available Pumps] *M P A n*
 - [Nb of Staged Pumps] *M P S n*
 - [Lead Pump] *P L i d*
 - [Next Staged Pump] *P n t S*
 - [Next Destaged Pump] *P n t d*
 - [Pump (x) State] *P X S*
 - [Pump (x) Type] *P X t*
 - [Pump (x) Runtime] *P X o t*
 - [Pump (x) Nb Starts] *P X n S*

where *x* is a number from 1 to 6
- [Booster Control Pump] *b c P -*
- [Booster Status] *b c S*

3 [Diagnostics] *d i A -*

3.1 [Diag. data] *d d t -*

- [Last Warning] *L A L r*
- [Last Error] *L F t*
- [Nb Of Starts] *n S n*
- [Motor Run Time] *r t H*
- [Other State] *S S t*
- [Identification] *o i d*

3.2 [Error history] *P F H -*

- [Last Error (x)] *d P l* to *d P B*
 - [Drive state] *H S x*
 - [Last Error (x) Status] *E P x*
 - [ETI state word] *i P x*
 - [Cmd word] *C P P x*
 - [Motor current] *L C P x*
 - [Output frequency] *r F P x*
 - [Elapsed time] *r t P x*
 - [DC bus voltage] *u L P x*
 - [Motor therm state] *t H P x*
 - [Command Channel] *d C C x*
 - [Ref Freq Channel] *d r C x*
 - [Motor Torque] *o t P x*
 - [Drive Thermal State] *t d P x*
 - [IGBT Junction Temp] *t J P x*
 - [Switching Frequency] *S F P x*

where *x* is a number from 1 to 8

3.3 [Warnings] *A L r -*

- [Actual Warnings] *A L r d*
- [Warning History] *A L h*

[-] after *c o d E* means there are more parameters levels

Some parameters have visibility constraints, see ATV610 Programming manual (EAV64387) on www.se.com



4 [Complete settings] *C S t -*

4.1 [Motor parameters] *M P A -*

- [Motor Standard] *b F r*
- [Nominal Motor Power] *n P r*
- [Nom Motor Voltage] *u n S*
- [Nom Motor Current] *n C r*
- [Nominal Motor Freq] *F r S*
- [Nominal Motor Speed] *n S P*
- [Max frequency] *t F r*
- [Motor Th Current] *i t H*
- [Output Ph Rotation] *P H r*
- [Motor control type] *C t t*
- [Sync Nominal I] *n C r S (1)*
- [Nom SyncMotor Speed] *n S P S (1)*
- [Nom Motor torque] *t q S (1)*
- [Pole pairs] *P P n S (1)*
- [Angle setting type] *A S t (1)*
- [Syn. EMF constant] *P H S (1)*
- [SyncMotor Stator R] *r S A S (1)*
- [Autotune L d-axis] *L d S (1)*
- [Autotune L q-axis] *L q S (1)*
- [Sync Nominal Freq] *F r S S (1)*
- [PSI Align Curr Max] *P C r (1)*
- [Relative d-axis error] *r r d A E (1)*
- [Saliency mot. state] *S P o t (1)*
- [Tune selection] *S t u n (1)*
- [Rotational Current Level] *r C L (1)*
- [Rotational Torque Current] *r t C (1)*
- [RCI Max Freq] *r C S P (1)*
- [RCI Round Nb] *r C r P (1)*
- [RCI With Transformer] *r C i r (1)*
- [U/F Profile] *P F L*
- [U1] *u 1*
- [F1] *F 1*
- [U2] *u 2*
- [F2] *F 2*
- [U3] *u 3*
- [F3] *F 3*
- [U4] *u 4*
- [F4] *F 4*
- [U5] *u 5*
- [F5] *F 5*
- [IR compensation] *u F r*
- [Slip compensation] *S L P*
- [Switching frequency] *S F r*
- [Switch Freq Type] *S F t*
- [Noise Reduction] *n r d*
- [Motor surge limit.] *S V L*
- [Attenuation Time] *S o P*
- [Current Limitation] *C L i*
- [Autotuning] *t u n*
- [Autotuning Status] *t u S*
- [Dual rating] *d r t*
- [Boost activation] *b o A*
- [Boost] *b o o*
- [Freq Boost] *F A b*
- [Input Filter] *d C r -*
 - [Input Filter] *i F i*
 - [DC Bus Ripple Config] *d C r C*

(1) Not available for Frame Size 7 = ATV610C22N4 ATV610C25N4

4.2 [Input/Output] *i o P -*

- [2/3-Wire Control] *t C C*
- [2-wire type] *t C t*
- [Reverse Assign] *r r S*
- [D11 Assignment] *L i i C -*
 - [D11 Low Assignment] *L i L*
 - [D11 High Assignment] *L i H*
 - [D11 Delay] *L i d*
- [D12 Assignment] *L i 2 C -*
- [D13 Assignment] *L i 3 C -*
- [D14 Assignment] *L i 4 C -*
- [D15 Assignment] *L i 5 C -*
- [D16 Assignment] *L i 6 C -*
- [D111 Assignment] *L i 11 C -*
- [D112 Assignment] *L i 12 C -*
- [D113 Assignment] *L i 13 C -*
- [D114 Assignment] *L i 14 C -*
- [D115 Assignment] *L i 15 C -*
- [D116 Assignment] *L i 16 C -*
- [Ref Freq template] *b S P*
- [A11 configuration] *A i i -*
 - [A11 assignment] *A i i A*
 - [A11 Type] *A i i t*
 - [A11 Min. Value] *u i L i*
 - [A11 Max Value] *u i H i*

[AI1 Min. Value] *CrL1*
 [AI1 Max Value] *CrH1*
 [AI1 filter] *A1F*
 [AI1 Intern. point X] *A1E*
 [AI1 Intern. point Y] *A1S*
 [AI2 configuration] *A2-*
 [AI3 configuration] *A3-*
 [AI4 configuration] *A4-*
 [AI5 configuration] *A5-*
 [AIV1 assignment] *AVIA-*
 [DQ11 configuration] *do11-*
 [DQ12 configuration] *do12-*
 [R1 configuration] *r1-*
 [R1 Assignment] *r1*
 [R1 Delay time] *r1d*
 [R1 Active at] *r1S*
 [R1 Holding time] *r1H*
 [R2 configuration] *r2-*
 [R3 configuration] *r3-*
 [R4 configuration] *r4-*
 [R5 configuration] *r5-*
 [R6 configuration] *r6-*
 [AQ1 configuration] *Ao1-*
 [AQ1 assignment] *Ao1-*
 [AQ1 Type] *Ao1t*
 [AQ1 min output] *AoL1*
 [AQ1 max output] *AoH1*
 [AQ1 min output] *uol1*
 [AQ1 max output] *uoh1*
 [Scaling AQ1 min] *ASL1*
 [Scaling AQ1 max] *ASH1*
 [AQ1 Filter] *Ao1F*
 [AQ2 configuration] *Ao2-*

4.3 [Command and Reference] *CrP-*

[Low Speed] *LS*
 [High Speed] *HSP*
 [Ref Freq 1 Config] *Fr1*
 [Reverse Disable] *r1n*
 [Stop Key Enable] *PSk*
 [Control Mode] *CHCF*
 [Command Switching] *CCS*
 [Cmd channel 1] *cd1*
 [Cmd channel 2] *cd2*
 [Freq Switch Assign] *rFC*
 [Ref Freq 2 Config] *Fr2*
 [Copy Ch1-Ch2] *CoP*
 [Forced Local Freq] *FLoC*
 [Time-out forc. local] *FLob*
 [Forced Local Assign] *FLo*
 [HMI cmd.] *bNP*

4.4 [Generic functions] *CSGF-*

[Ramp] *rANP-*
 [Ramp Type] *rPt*
 [Ramp increment] *nr*
 [Acceleration] *ACC*
 [Deceleration] *dEC*
 [Begin Acc round] *EA1*
 [End Acc round] *EA2*
 [Begin Dec round] *EA3*
 [End Dec round] *EA4*
 [Ramp 2 Thd] *Frt*
 [Ramp Switch Assign] *rPS*
 [Acceleration 2] *ACC2*
 [Deceleration 2] *dEC2*
 [Dec.Ramp Adapt] *brA*
 [+/- speed] *uPd-*
 [+ Speed Assign] *uSP-*
 [- Speed Assign] *dSP-*
 [Ref Frequency Save] *SEr*
 [Stop configuration] *SEt-*
 [Type of stop] *SEt*
 [Freewheel Stop] *nSE*
 [Freewheel stop Thd] *FfE*
 [Fast Stop Assign] *FSE-*
 [Ramp Divider] *dCF*
 [DC Injection Assign] *dC1*
 [DC Inj Level 1] *idC*
 [DC Inj Time 1] *td1*
 [DC Inj Level 2] *idC2*
 [DC Inj Time 2] *tdC2*
 [Auto DC injection] *AdC-*
 [Auto DC injection] *AdC*
 [Auto DC inj Level 1] *SdC1*
 [Auto DC inj Time 1] *tdC1*
 [Auto DC inj Level 2] *SdC2*
 [Auto DC inj Time 2] *tdC2*
 [Jog] *JoG-*
 [Jog Assign] *JoG-*
 [Jog Frequency] *JGF*
 [Jog Delay] *JGt*
 [Preset Speeds] *PS-*
 [2 Preset Freq] *PS2*
 [4 Preset Freq] *PS4*
 [8 Preset Freq] *PS8*
 [16 Preset Freq] *PS16*

[Preset Speed 2] *SP2*
 [Preset Speed 3] *SP3*
 [Preset Speed 4] *SP4*
 [Preset Speed 5] *SP5*
 [Preset Speed 6] *SP6*
 [Preset Speed 7] *SP7*
 [Preset Speed 8] *SP8*
 [Preset Speed 9] *SP9*
 [Preset Speed 10] *SP10*
 [Preset Speed 11] *SP11*
 [Preset Speed 12] *SP12*
 [Preset Speed 13] *SP13*
 [Preset Speed 14] *SP14*
 [Preset Speed 15] *SP15*
 [Preset Speed 16] *SP16*
 [Skip Frequency] *JPF*
 [Skip Frequency 2] *JF2*
 [3rd Skip Frequency] *JF3*
 [Skip Freq.Hysteresis] *JFH*
 [Define system units] *SuC-*
 [P sensor unit] *SuPr*
 [Flow rate unit] *SuFr*
 [Temperature unit] *SuTp*
 [Currency unit list] *SuCu*
 [Liquid Density] *rHo*
 [PID controller] *Pid-*
 [PID Feedback] *Fdb*
 [Type of control] *CoCt*
 [PID feedback Assign] *PiF*
 [Min PID feedback] *PiF1*
 [Max PID feedback] *PiF2*
 [PID feedback] *rPF*
 [Min fbk Warning] *PAL*
 [Max fbk Warning] *PAH*
 [PID Reference] *rF-*
 [Intern PID Ref] *PiI*
 [Ref Freq 1 Config] *Fri*
 [Min PID Process] *PiP1*
 [Max PID Process] *PiP2*
 [Internal PID ref] *rPi*
 [Auto/Manual assign.] *PAu*
 [Manual PID reference] *PiM*
 [PID preset references] *Pri-*
 [2 PID Preset Assign] *Pri2*
 [4 PID Preset Assign] *Pri4*
 [Ref PID Preset 2] *rPi2*
 [Ref PID Preset 3] *rPi3*
 [Ref PID Preset 4] *rPi4*
 [Predictive Speed Ref] *FPi*
 [Speed input %] *PSr*
 [Settings] *SE-*
 [PID Prop.Gain] *rPG*
 [PID Intgl.Gain] *rIG*
 [PID derivative gain] *rDG*
 [PID ramp] *rPP*
 [PID Inversion] *PiI*
 [PID Min Output] *PoL*
 [PID Max Output] *PoH*
 [PID error Warning] *PEr*
 [PID Integral OFF] *PiS*
 [PID acceleration time] *ACCp*
 [PID Start Ref Freq] *SFS*
 [Sleep/Wakeup] *SPW*
 [Sleep menu] *SLP-*
 [Sleep Detect Mode] *SLPN*
 [Sleep Switch Assign] *SLPW*
 [Inst. Flow Assign.] *FSIA*
 [Sleep Flow Level] *SLnL*
 [Sleep Pressure Level] *SLPL*
 [Sleep Min Speed] *SLSL*
 [Sleep Power Level] *SLPr*
 [Sleep Delay] *SLPd*
 [Boost] *Sbt-*
 [Sleep Boost Speed] *SLbS*
 [Sleep Boost Time] *SLbt*
 [Advanced sleep check] *AdS-*
 [Sleep Mode] *ASLn*
 [Sleep Condition] *ASLc*
 [Sleep Check Delay] *ASLd*
 [Check Sleep Ref spd] *ASLr*
 [Wake up menu] *WkP-*
 [Wake Up Mode] *WuPN*
 [Wake Up Process level] *WuPF*
 [Wake Up Process Error] *WuPE*
 [Wake Up Delay] *WuPd*
 [Threshold reached] *EHRE-*
 [High Current Thd] *Ctd*
 [Low I Threshold] *CtdL*
 [Motor Freq Thd] *Ftd*
 [Low Freq.Threshold] *FtdL*
 [Freq. threshold 2] *F2d*
 [2 Freq. Threshold] *F2dL*
 [Motor Therm Thd] *tktd*
 [Reference high Thd] *rtd*
 [Reference low Thd] *rtdL*
 [Mains contactor command] *LLC-*
 [Mains V. time out] *Lct*

[Mains Contactor] *LLC*
 [Drive Lock] *LEs*
 [Parameters switching] *NLP-*
 [2 Parameter sets] *chA1*
 [3 Parameter sets] *chA2*
 [Parameter Selection] *SPS*
 [Stop after speed timeout] *PrSP-*
 [Low Speed Timeout] *ELs*
 [Sleep Offset Thres.] *SLE*
 [Advanced sleep check] *AdS*
 [Sleep Mode] *ASLn*
 [Sleep Condition] *ASLc*
 [Sleep Check Delay] *ASLd*
 [Check Sleep Ref spd] *ASLr*
 [Booster Control] *bSt-*
 [System Architecture] *NPp-*
 [Pump System Arch] *NPpA*
 [Nb Of Pumps] *NPpN*
 [Pumps Configuration] *PuNP-*
 [Pump 1 Cmd Assign] *NPp1*
 [Pump 1 Ready Assign] *NPp1*
 [Pump 2 Cmd Assign] *NPp2*
 [Pump 2 Ready Assign] *NPp2*
 [Pump 3 Cmd Assign] *NPp3*
 [Pump 3 Ready Assign] *NPp3*
 [Pump 4 Cmd Assign] *NPp4*
 [Pump 4 Ready Assign] *NPp4*
 [Pump 5 Cmd Assign] *NPp5*
 [Pump 5 Ready Assign] *NPp5*
 [Pump 6 Cmd Assign] *NPp6*
 [Pump 6 Ready Assign] *NPp6*
 [Pump Cycling Mode] *NPpC*
 [Lead Pump Altern.] *NPpLA*
 [Altern Wait Time] *NPpAt*
 [Pump Auto Cycling] *NPpCP*
 [Pump Ready Delay] *NPpId*
 [MultiPump ErrorResp] *NPpFb*
 [Booster Control] *bSc-*
 [Booster Control] *bCN*
 [Stage/Destage Cond.] *SdcN-*
 [Boost Working range] *bCWAR*
 [Booster Stg Delay] *bSd*
 [Booster Dstg Delay] *bDd*
 [Boost Override range] *bCoAR*
 [Booster S/D Interval] *bSdt*

4.5 [Generic monitoring] *GPp-*

[Stall monitoring] *SEpP-*
 [Stall monitoring] *SEpC*
 [Stall Max Time] *SEpT1*
 [Stall Current] *SEpI2*
 [Stall Frequency] *SEpF3*
 [Therm sensor monit] *NEsP-*
 [AI2 Th Monitoring] *eh2S*
 [AI2 Type] *Ai2t*
 [AI2 Th Warn Level] *eh2A*
 [AI2 Th Error Level] *eh2F*
 [AI2 Th Error Resp] *eh2B*
 [AI2 Th Value] *eh2V*
 [AI3 Th Monitoring] *eh3S*
 [AI3 Type] *Ai3t*
 [AI3 Th Warn Level] *eh3A*
 [AI3 Th Error Level] *eh3F*
 [AI3 Th Error Resp] *eh3B*
 [AI3 Th Value] *eh3V*
 [AI4 Th Monitoring] *eh4S*
 [AI4 Type] *Ai4t*
 [AI4 Th Warn Level] *eh4A*
 [AI4 Th Error Level] *eh4F*
 [AI4 Th Error Resp] *eh4B*
 [AI4 Th Value] *eh4V*
 [AI5 Th Monitoring] *eh5S*
 [AI5 Type] *Ai5t*
 [AI5 Th Warn Level] *eh5A*
 [AI5 Th Error Level] *eh5F*
 [AI5 Th Error Resp] *eh5B*
 [AI5 Th Value] *eh5V*

4.6 [Error/Warning handling] *CSWNp-*

[Fault Reset] *rSE-*
 [Fault Reset Assign] *rSF*
 [Prod Restart Assign] *rPA*
 [Product restart] *rP*
 [Auto Fault Reset] *ARr-*
 [Auto Fault Reset] *ARr*
 [Fault Reset Time] *tARr*
 [Catch on the fly] *FLr-*
 [Catch On Fly] *FLr*
 [Catch on Fly Sensitivity] *Vcb*
 [Motor thermal monit] *EHt-*
 [Motor Thermal Mode] *EHt*
 [Motor Therm Thd] *tktd*
 [MotorTemp ErrorResp] *oLL*
 [Output phase Loss] *oPL-*
 [OutPhaseLoss Assign] *oPL*
 [OutPhaseLoss Delay] *oPdt*
 [Input phase loss] *iPL-*

[InPhaseLoss Assign] *iPL*
 [External error] *EeF-*
 [Ext Error assign] *EeF*
 [Ext Error Resp] *EPL*
 [Undervoltage handling] *uSb-*
 [Undervoltage Resp] *uSb*
 [Mains voltage] *urES*
 [Undervoltage level] *uSL*
 [UnderVolt timeout] *uSt*
 [Stop Type PLoss] *StP*
 [UnderV. restart tm] *Stn*
 [Prevention level] *uPL*
 [Max stop time] *Stn*
 [DC bus maintain time] *tbS*
 [Ground Fault] *G rFL-*
 [Ground Fault Activation] *G rFL*
 [4-20 mA loss] *LFL-*
 [AI1 4-20mA loss] *LFL1*
 [AI2 4-20mA loss] *LFL2*
 [AI3 4-20mA loss] *LFL3*
 [AI4 4-20mA loss] *LFL4*
 [AI5 4-20mA loss] *LFL5*
 [AI Loss Inhibition] *inLF*
 [Fallback speed] *LFf-*
 [Fallback speed] *LFf*
 [Error detection disable] *inH-*
 [ErrorDetect Disable] *inH*
 [Fieldbus Interrupt Resp] *CLL-*
 [Modbus Error Resp] *SLL*
 [Communication Module] *C oP o-*
 [Fieldbus Interrupt Resp] *CLL*
 [Tuning Error Resp] *tnL-*
 [Process underload] *uLd-*
 [Unld T. Del. Detect] *uLte*
 [Unld.Thr.Nom.Speed] *Lun*
 [Unld.Thr.0.Speed] *Lul*
 [Unld. FreqThr. Det.] *rnuD*
 [Hysteresis Freq] *Srb*
 [Underload Mangmt.] *uDL*
 [Underload T.B.Rest.] *Ftu*
 [Process overload] *oLd-*
 [Ovld Time Detect.] *teOL*
 [Ovld Detection Thr.] *Loc*
 [Hysteresis Freq] *Srb*
 [Ovld.Proces.Mngmt] *oDL*
 [Overload T.B.Rest.] *Fto*
 [Warning groups config] *AGCF-*
 [Warn grp 1 definition] *A1c*
 [Warn grp 2 definition] *A2c*
 [Warn grp 3 definition] *A3c*
 [Warn grp 4 definition] *A4c*
 [Warn grp 5 definition] *A5c*

4.7 [Maintenance] *C S n A -*

[Diagnostics] *dAu-*
 [FAN Diagnostics] *Fnt*
 [LED Diagnostics] *hLte*
 [IGBT Diagnostics with motor] *iWte*
 [IGBT Diagnostics w/o motor] *iWoLte*
 [Fan management] *FAnA-*
 [Fan mode] *FFn*
 [Time Counter Reset] *rPr*
 [Overmodul. Activation] *oVnA*

5 [Communication] *C o P -*

[Modbus Address] *Add*
 [Modbus baud rate] *ebR*
 [Modbus Format] *EFo*
 [ModbusTimeout] *teo*
 [Com. scanner input] *iCS-*
 [Scan. IN1 address] *n n A 1*
 [Scan. IN2 address] *n n A 2*
 [Scan. IN3 address] *n n A 3*
 [Scan. IN4 address] *n n A 4*
 [Scan. IN5 address] *n n A 5*
 [Scan. IN6 address] *n n A 6*
 [Scan. IN7 address] *n n A 7*
 [Scan. IN8 address] *n n A 8*
 [Com. scanner output] *oCS-*
 [Scan.Out1 address] *n c A 1*
 [Scan.Out2 address] *n c A 2*
 [Scan.Out3 address] *n c A 3*
 [Scan.Out4 address] *n c A 4*
 [Scan.Out5 address] *n c A 5*
 [Scan.Out6 address] *n c A 6*
 [Scan.Out7 address] *n c A 7*
 [Scan.Out8 address] *n c A 8*
 [Profibus] *Pbc-*
 [Address] *Adr c*

6 [File management] *F n E -*

6.1 [Transfer config file] *teCF-*

[Copy to the drive] *oPF*
 [Copy from the drive] *SrAF*

6.2 [Factory settings] *FCS-*

[Config. Source] *FCSi*
 [Parameter group list] *Fry-*
 [Go to Factory Settings] *GFS*
 [Save Configuration] *SCSI*

6.3 [Firmware Update] *FWuP-*

[Firmware update diag] *FWud-*
 [Firmware Update Status] *FWSt*
 [Firmware Update Error] *FWEr*
 [Identification] *oid-*
 [Package version] *Pfu-*
 [Package Type] *PKtP*
 [Package Version] *PKV5*
 [Update Firmware] *FWuP-*
 [Abort Firmware Update] *FWCL*

7 [My preferences] *n Y P -*

7.1 [Language] *LnG-*

7.2 [Password] *C o d -*

[Password status] *PSSe*
 [Password] *Pwd*
 [Upload rights] *uLr*
 [Download rights] *dLr*

7.3 [Customization] *C u S -*

[Display screen type] *nSC-*
 [Display value type] *ndt*
 [Parameter Selection] *nPc*

7.4 [Access Level] *L A c -*

[Basic] *bAS*
 [Expert] *EPe*

7.5 [LCD settings] *c n L -*

[Screen Contrast] *cSt*
 [Standby] *SbY*
 [Display Terminal locked] *K L C K*



Troubleshooting

Scan the QR code in front of the drive to get the error codes explanations in the *Diagnostics* section.

Notes