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Compax3 Downloads

Downloads	Date	Version
Compax3 ServoManager (including PIET) - please unzip before install! C3 Troubleshooting - Error when Installing C3Servomanager on WIN10 & WIN11	2019/08/19	R09-81
Compax3 / Compax3F Firmware (rename to *.fwp after download)	2021/10/29	R09-83
Compax3M USB driver (exe as zip)	2016/11/07	R09-70
Compax3 CamDesigner for T40	2020/01/30	
CoDeSys Programming Environment (without Targets)	2014/06/26	V2.3.9.44
CoDeSys Target - Compax3 Servo Drives	2018/12/11	R09-80
CoDeSys Target - Compax3F	2018/12/11	R09-80
EPLAN Macros - Compax3 Servo Drives		
Cables Drawings Compax3 - NX / EX Motors		
PIO (Parker I/Os) Landing Page		
Old Firmware:		
Compax3 Servo Drive Firmware - (up to date firmware package for CTP16 and CTP14/01 with hardware > N05)	2007/08/15	OLD VERSION R04-15
Compax3 Servo Drive Firmware - (up to CTP14/01 N4)		OLD VERSION R02-1

Compax3 User Guides

User Guides as Help Systems (current version) <i>Please copy the help files to your local pc before opening the help file!</i>	Device
Step/Direction and Analogue Input (CHM - English)	I10T10
Positioning via digital I/Os (CHM - English)	I11T11
Positioning via I/Os & RS232/RS485 (CHM - English)	I12T11
Positioning via Profibus & Profinet (CHM - English)	I20/I32T11
Positioning via CANopen (CHM - English)	I21T11
Positioning with DeviceNet (CHM - English)	I22T11
Positioning via Ethernet Powerlink / EtherCAT (CHM - English)	I30/I31T11
Positioning PLCopen function modules (CHM - English)	T30
Electronic Cam Control with IEC 61131-3 (CHM - English)	T40
User Guide as PDF	Device
Short description Compax3S	Compax3S
Short description Compax3M	Compax3M
Short description Compax3H	Compax3H
Short description Netzmodul PSUP	PSUP
Step/Direction and Analogue Input (PDF - English) (penultimate version)	I10T10
Positioning via I/Os & RS232/RS485 (PDF - English) (penultimate version)	I12T11
Positioning via Profibus & Profinet (PDF - English) (penultimate version)	I20/I32T11
Positioning via CANopen (PDF - English) (penultimate version)	I21T11
Positioning via Ethernet Powerlink / EtherCAT (PDF - English) (penultimate version)	I31/I31T11
Positioning PLCopen function modules (PDF - English) (penultimate version)	T30
Electronic Cam Control with IEC 61131-3 (PDF - English) (penultimate version)	T40

Compax3 Handbücher

Handbücher als Hilfe (aktuelle Versionen) Bitte kopieren Sie die Hilfe auf Ihren lokalen PC bevor Sie diese öffnen! *	Gerät
Analog & Schritt / Richtung (CHM - Deutsch)	I10T10
Positionieren über E/As (CHM - Deutsch)	I11T11
Positionieren über E/As & RS232/RS485 (CHM - Deutsch)	I12T11
Positionieren über Profibus & Profinet (CHM - Deutsch)	I20/I32T11
Positionieren über CANopen (CHM - Deutsch)	I21T11
Positionieren mit DeviceNet (CHM - Deutsch)	I22T11
Positionieren über Ethernet Powerlink / EtherCAT (CHM - Deutsch)	I30/I31T11
Bewegungssteuerung nach IEC6113-3 (CHM - Deutsch)	T30
Kurvenscheibe mit Funktionsbausteinen nach PLCopen (CHM - Deutsch)	T40
Handbücher als PDF	Gerät
Kurzanleitung Compax3S	Compax3S
Kurzanleitung Compax3M	Compax3M
Kurzanleitung Compax3H	Compax3H
Kurzanleitung Netzmodul PSUP	PSUP
Analog & Schritt / Richtung (PDF - Deutsch (vorherige Versionen))	I10T10
Positionieren über E/As & RS232/RS485 (PDF - Deutsch (vorherige Versionen))	I12T11
Positionieren über Profibus & Profinet (PDF - Deutsch (vorherige Versionen))	I20/I32T11
Positionieren über CANopen (PDF - Deutsch (vorherige Versionen))	I21T11
Positionieren über Ethernet Powerlink / EtherCAT (PDF - Deutsch (vorherige Versionen))	I31/I31T11
Bewegungssteuerung nach IEC6113-3 (PDF - Deutsch (vorherige Versionen))	T30
Kurvenscheibe mit Funktionsbausteinen nach PLCopen (PDF - Deutsch (vorherige Versionen))	T40

Compax3F User Guides

User Guides as Help Systems (current version) <i>Please copy the help files to your local pc before opening the help file!</i> <i>Solution if HTML Help CHM File is Not Displayed</i>	Device: Compax3F
Positioning via I/Os & RS232/RS485 (CHM - English)	I12T11
Positioning via Profibus & Profinet (CHM - English)	I20/I32T11
Positioning PLCopen function modules (CHM - English)	T30
Electronic Cam Control with IEC 61131-3 (CHM - English)	T40
User Guide as PDF	Device
Short description (PDF - English)	Compax3F
Positioning via I/Os & RS232/RS485 (PDF - English) (penultimate version)	I12T11
Positioning via Profibus & Profinet (PDF - English) (penultimate version)	I20/I32T11
Positioning PLCopen function modules (PDF - English) (penultimate version)	T30
Electronic Cam Control with IEC 61131-3 (PDF - English) (penultimate version)	T40

Compax3F Handbücher

Handbücher als Hilfe (aktuelle Versionen) <i>Bitte kopieren Sie die Hilfe auf Ihren lokalen PC bevor Sie diese öffnen!</i>	Gerät Compax3F
Positionieren über E/As & RS232/RS485 (CHM - Deutsch)	I12T11
Positionieren über Profibus & Profinet (CHM - Deutsch)	I20/I32T11
Bewegungssteuerung nach IEC6113-3 (CHM - Deutsch)	T30
Kurvenscheibe mit Funktionsbausteinen nach PLCopen (CHM - Deutsch)	T40
Handbücher als PDF	Device
Kurzanleitung (PDF - Deutsch)	Compax3F
Positionieren über E/As & RS232/RS485 (PDF - Deutsch) (vorherige Versionen)	I12T11
Positionieren über Profibus & Profinet (PDF - Deutsch) (vorherige Versionen)	I20/I32T11
Bewegungssteuerung nach IEC6113-3 (PDF - Deutsch) (vorherige Versionen)	T30
Kurvenscheibe mit Funktionsbaust. nach PLCopen (PDF - Deutsch) (vorherige Versionen)	T40

Compax3 - Fieldbus Files:

Downloads	Date	Version
Fieldbus File - C3 Profibus : PAR_C320.gsd	2021/10/14	
Fieldbus File - C3 Profibus : Cpx3.dib	2006/01/27	
Fieldbus File - C3 Profinet : Profinet Device profile gsdml	2015/10/23	
Fieldbus File - C3 Profibus with TIA Portal (only) (GDS-file)	2018/12/12	for >=R09-80
Fieldbus File - C3 Profinet GSDML-bmp	2015/10/23	
Fieldbus File - C3 CANopen : C3_CANopen.eds (zip file)	2011/07/07	
Fieldbus File - C3 DeviceNet : C3_DeviceNet.eds (zip file)	2006/04/11	
Fieldbus File - C3 EtherCAT: C3_EtherCAT_full_2ms (= ESI – EtherCAT Slave Information – File, please unzip)	2020/09/23	V0210
Fieldbus File - C3 EtherCAT: C3_EtherCAT_OpMode08 (= ESI – EtherCAT Slave Information – File, please unzip)	2020/09/23	V0210
Fieldbus File - C3 EtherCAT: C3_EtherCAT_OpMode09 (= ESI – EtherCAT Slave Information – File, please unzip)	2020/09/23	V0210
Fieldbus File - C3 EtherCAT: C3_EtherCAT_OpMode10 (= ESI – EtherCAT Slave Information – File, please unzip)	2020/09/23	V0210
Fieldbus File - C3 EtherCAT: C3_EtherCAT_OpMode080910 (= ESI – EtherCAT Slave Information – File, please unzip)	2020/09/23	V0210
Fieldbus File - C3 Ethernet Powerlink : C3_EPL.eds (zip file)	2011/07/07	
Fieldbus File - C3 Ethernet Powerlink : C3_EPL_02000089.xdd	2011/10/11	

Compax3 - Certificates

Downloads	Date	Version
CE Declaration of Conformity Compax3S (English/Deutsch)	2024-11-0	
CE Declaration of Conformity Compax3M (English/Deutsch)	2017-08-10	
CE Declaration of Conformity PSU (English/Deutsch)	2017-08-10	
CE Declaration of Conformity Compax3H (English/Deutsch)	2017-09-06	
CE Declaration of Conformity Compax3F (English/Deutsch)	2017-08-10	
Compax3 PROFINET Certification (English)	2010-12	V1.1.2

Compax3M - Option S3 Safety

Downloads	Date	Version
Compax3M Safety Option S3: SafePLC		
Compax3M Safety Option S3: Profile		R011000106
Compax3M Safety Option S3: Installation Manual: English - Deutsch		
Compax3M Safety Option S3 Programming Manual: English - Deutsch		
Compax3M Safety Option S3 Profil Description: English - Deutsch		

Compax3 - Safety (STO)

Downloads	Date	Version
Compax3S		
Functional Safety PDF Report (C3S) - STO realized with digital In- and Outputs	2017-07-10	
Functional Safety PDF Report (C3S) - STO realized via external PLC	2017-07-10	
Functional Safety (C3S) - Sistema Library	2017-07-10	V2.0.7
Compax3M		
Functional Safety PDF Report (C3M) - STO realized with digital In- and Outputs	2017-07-10	
Functional Safety (C3M) - Sistema Library	2017-07-10	V2.0.7

C3 powerPLmC - Targets

Downloads	Date	Version
CoDeSys Target - C3 powerPLmC C1x (not for Compax3F)		
CoDeSys Target - C3 powerPLmC C2x (not for Compax3F)		
CoDeSys Target - C3 powerPLmC E2x		
CoDeSys Target - C3 powerPLmC E3x		

CAD Files for Compax3 Drive (Step)

Compax3S
Compax3S025V2
Compax3S063V2
Compax3S100V2
Compax3S150V2
Compax3S015V4
Compax3S038V4
Compax3S075V4
Compax3S150V4
Compax3S300V4
Compax3M
Compax3M050D6, Compax3M100D6, Compax3M150D6
Compax3M300D6
PSUP10
PSUP20, PSUP30
Compax3H
Compax3H050V4
Compax3H090V4
Compax3H125V4, Compax3H155V4
Compax3F
Compax3F

Compax3 - S7 Function Blocks:

(Function Blocks / Description / C3 Configuration)

Function Blocks	Device
FB45 Control Manager for S7-300 (V5.5)	I20T11, I32T11
FB45 Control Manager for S7-300 with TIA V13, V14 and V15	I32T11
FB45 Control Manager for S7 1500 PROFIBUS with TIA V13, V14 and V15	I20T11
FB45 Control Manager for S7 1200/1500 with TIA V13, V14, V15, V15.1 and V16	I32T11

Compax3 - Applications:

Examples	Device
10 Steps for cam generation	T40
Example 1: Single start of a closed cam	T40
Example 2: Change between single start of an open cam and POSA	T40
Example 3: Single Start for run through curve 5 times	T40
Example 4: Composing curves	T40
Example 5: Cyclic operation with event-triggered change of curve	T40
Example 6: Operation with curve segments and standstill area	T40
Example 7: Curve operation with slave reg synchronization	T40
Example 8: Curve operation with master reg synchronization	T40
Example case of damage	T40
Working with fast cam switches	T40
Cutting on the fly with Start/Stop operating mode, registration mark reference, separation function, phase correction (C3T40_A003)	T40
Flying knife with fixed blade circumference and variable product length (C3T40_A004)	T40 < 2010 R09-0x
Flying knife with fixed blade circumference and variable product length (C3T40_A004)	T40 >= 2010 R09-0x
Sync gate, registration mark reference, synchronous motion, automatic or manual travel back to start position. (C3T40_A005)	T40
Profidrive with T30T40	T30, T40
HEDA	T40
Force control Template T44/V13 / Force control without template	T30, T40
Remote diagnostic Compax3 (English), - Remote diagnostic Compax3 (German)	All Compax3

Compax3 - exemples d'application

exemples d'application	équipement
C3_Maintenance	
Commande en Vitesse avec Limitation de Courant	I10T10
Programmation d'une tension fixe +10V sur la sortie analogique 0	I10T10
Remplacement DSD par C3 I10T10	I10T10
Sélection Bloc de Positionnement Utilisation des Entrées/Sorties TOR	I11T11, I12T11
Application Réseau Profibus Raccordements et Paramétrage d'un Variateur Compax3 I20T11. Modes de fonctionnement : Positionnement direct Commande en vitesse Sélection bloc de positionnement	I20T11
Application Réseau Profibus PLC Siemens S7 et Variateur Compax3 I20T11: Mode de fonctionnement : Commande en vitesse avec limitation de courant	I20T11
Application Réseau Profibus PLC Siemens S7 et Variateur Compax3 I20T11: Mode de fonctionnement : Positionnement direct	I20T11
Application Réseau Profibus: Mode de fonctionnement : Sélection bloc de positionnement avec modification du tableau de consignes via canal PKW	I20T11
Application Réseau Profibus PLC Siemens S7 et Variateur Compax3 I20T30: Echange de données entre un automate et un variateur Compax3	I20T30
Application Réseau CANopen Raccordements et Paramétrage d'un Variateur Compax3 I21T11. Modes de fonctionnement : Positionnement direct Commande en vitesse Sélection bloc de positionnement	I21T11
Application Réseau CANopen Raccordements et Paramétrage d'un Variateur Compax3 I21T11Mode de fonctionnement : Interpolated Position	I21T11
Application Réseau CANopen PLC Schneider M340 et Variateur Compax3 I21T11	I21T11
Application Réseau CANopen: Mode de fonctionnement : Sélection bloc de positionnement avec modification du tableau de consignes via messages SDO	I21T11
Application Réseau CANopen Ecran TS8000 et Variateur Compax3 I21T30 <u>Echange de données entre un écran et un variateur Compax3</u>	I21T30