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## Compax3 Downloads

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

## Compax3 User Guides

User Guides as Help Systems (current version) <i>Please copy the help file 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

\* Please copy to your local pc before opening the help file!  
HTML Help CHM File is Not Displayed

## Compax3 Handbücher

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

Bitte kopieren Sie die Hilfe auf Ihren lokalen PC bevor Sie diese öffnen!  
CHM Hilfedatei wird nicht angezeigt

## Compax3F User Guides

<b>User Guides as Help Systems (current version)</b> <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>	<b>Device: Compax3F</b>
<a href="#">Positioning via I/Os &amp; RS232/RS485 (CHM - English)</a>	I12T11
<a href="#">Positioning via Profibus &amp; Profinet (CHM - English)</a>	I20/I32T11
<a href="#">Positioning PLCopen function modules (CHM - English)</a>	T30
<a href="#">Electronic Cam Control with IEC 61131-3 (CHM - English)</a>	T40
<b>User Guide as PDF</b>	<b>Device</b>
<a href="#">Short description (PDF - English)</a>	Compax3F
<a href="#">Positioning via I/Os &amp; RS232/RS485 (PDF - English) (penultimate version)</a>	I12T11
<a href="#">Positioning via Profibus &amp; Profinet (PDF - English) (penultimate version)</a>	I20/I32T11
<a href="#">Positioning PLCopen function modules (PDF - English) (penultimate version)</a>	T30
<a href="#">Electronic Cam Control with IEC 61131-3 (PDF - English) (penultimate version)</a>	T40

\* Please copy to your local pc before opening the help file!  
HTML Help CHM File is Not Displayed

## Compax3F Handbücher

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

Bitte kopieren Sie die Hilfe auf Ihren lokalen PC bevor Sie diese öffnen!  
CHM Hilfedatei wird nicht angezeigt

## Compax3 - Fieldbus Files:

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

## Compax3 - Certificates

Downloads	Date	Version
<a href="#">CE Declaration of Conformity Compax3S (English/Deutsch)</a>	2017-08-10	
<a href="#">CE Declaration of Conformity Compax3M (English/Deutsch)</a>	2017-08-10	
<a href="#">CE Declaration of Conformity PSU (English/Deutsch)</a>	2017-08-10	
<a href="#">CE Declaration of Conformity Compax3H (English/Deutsch)</a>	2017-09-06	
<a href="#">CE Declaration of Conformity Compax3F (English/Deutsch)</a>	2017-08-10	
<a href="#">Compax3 PROFINET Certification (English)</a>	2010-12	V1.1.2

## Compax3M - Option S3 Safety

Downloads	Date	Version
<a href="#">Compax3M Safety Option S3: SafePLC</a>		
<a href="#">Compax3M Safety Option S3: Profile</a>		R011000106
<a href="#">Compax3M Safety Option S3: Installation Manual:</a> <a href="#">English</a> - <a href="#">Deutsch</a>		
<a href="#">Compax3M Safety Option S3 Programming Manual:</a> <a href="#">English</a> - <a href="#">Deutsch</a>		
<a href="#">Compax3M Safety Option S3 Profil Description:</a> <a href="#">English</a> - <a href="#">Deutsch</a>		

## Compax3 - Safety (STO)

Downloads	Date	Version
<b>Compax3S</b>		
<a href="#">Functional Safety PDF Report (C3S) - STO realized with digital In- and Outputs</a>	2017-07-10	
<a href="#">Functional Safety PDF Report (C3S) - STO realized via external PLC</a>	2017-07-10	
<a href="#">Functional Safety (C3S) - Sistema Library</a>	2017-07-10	V2.0.7
<b>Compax3M</b>		
<a href="#">Functional Safety PDF Report (C3M) - STO realized with digital In- and Outputs</a>	2017-07-10	
<a href="#">Functional Safety (C3M) - Sistema Library</a>	2017-07-10	V2.0.7

## C3 powerPLmC - Targets

Downloads	Date	Version
<a href="#">CoDeSys Target - C3 powerPLmC C1x (not for Compax3F)</a>		
<a href="#">CoDeSys Target - C3 powerPLmC C2x (not for Compax3F)</a>		
<a href="#">CoDeSys Target - C3 powerPLmC E2x</a>		
<a href="#">CoDeSys Target - C3 powerPLmC E3x</a>		

## CAD Files for Compax3 Drive (Step)

<b>Compax3S</b>
<a href="#">Compax3S025V2</a>
<a href="#">Compax3S063V2</a>
<a href="#">Compax3S100V2</a>
<a href="#">Compax3S150V2</a>
<a href="#">Compax3S015V4</a>
<a href="#">Compax3S038V4</a>
<a href="#">Compax3S075V4</a>
<a href="#">Compax3S150V4</a>
<a href="#">Compax3S300V4</a>
<b>Compax3M</b>
<a href="#">Compax3M050D6, Compax3M100D6, Compax3M150D6</a>
<a href="#">Compax3M300D6</a>
<a href="#">PSUP10</a>
<a href="#">PSUP20, PSUP30</a>
<b>Compax3H</b>
<a href="#">Compax3H050V4</a>
<a href="#">Compax3H090V4</a>
<a href="#">Compax3H125V4, Compax3H155V4</a>
<b>Compax3F</b>
<a href="#">Compax3F</a>

## 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 I21T11 <u>Mode de fonctionnement : Interpolated Position</u>	I21T11
Application Réseau CANopen PLC Schneider M340 et Variateur Compax3 I21T11	I21T11
Application Réseau CANopen: Mode de fonctionnement : <u>Sélection bloc de positionnement avec modification du tableau de consignes via messages SDO</u>	I21T11
Application Réseau CANopen Ecran TS8000 et Variateur Compax3 I21T30 <u>Echange de données entre un écran et un variateur Compax3</u>	I21T30