

## 3rw22 manual

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**SIEMENS**  
**SIKOSTART**  
*Chave estática de partida e parada suave*  
**3RW22**

■ Projeto  
■ Colocação em operação  
■ Montagem  
■ Serviço



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## Book Descriptions:

### 3rw22 manual

Combinations of various starting, operating and deceleration possibilities ensure an optimum adaptation to the applicationspecific requirements. Operation and commissioning can be carried out either conventionally with switches and potentiometers or conveniently using a commercial PC and an RS232 interface. J Load J Motor. In case of heavy starting or increased starting frequency, a larger device must be selected. For accurate dimensioning, use the WinSIKOSTART selection and simulation program. If necessary, an overload relay for heavy starting must be selected where long starting times are involved. PTC sensors are recommended. This also applies for the rampdown modes smooth rampdown, pump rampdown and DC braking, because during the rampdown time in these modes, an additional current loading applies in contrast to free rampdown. No capacitive elements are permitted in the motor feeder between the SIKOSTART and the motor e.g. compensation equipment. All elements of the main circuit such as fuses, controls and overload relays should be dimensioned for direct starting, following the local shortcircuit conditions. Fuses, controls and overload relays must be ordered separately. The harmonic component load for starting currents must be taken into consideration for the selection of motor starter protectors selection of release. Nor will express mention in the certificate of confirmation issued for the motors be required in the future. The ramp time on the device must be set to a value which is at most equivalent to T E of the machine. Manual for SIKOSTART 3RW22 Besides containing all important information on configuring, commissioning and servicing, the manual also contains example circuits and the technical specifications for all devices. Manual for SIKOSTART 3RW22 German Order No. E20001P285A484V3 English Order No. E20001P285A484V37600 Spanish Order No. <http://3-peaks.com/admin/uploads/comdial-impact-owners-manual.xml>

- **3rw22 manual, sikostart 3rw22 manual, 3rw22 siemens manual, siemens sikostart 3rw22 manual, 3rw22 manual portugues, sikostart 3rw22 manual portugês.**

E20001P285A484V27800 Solidstate device protection, RS 232 serial PC interface and COM SIKOSTART PC communication program The 3RW22 solidstate motor controllers have not only solidstate device protection but also a PC interface for communication. Together with the COM SIKOSTART PC program it enables the simple parameterization, control and monitoring of SIKOSTART 3RW22 using a PC or a notebook. After a parameter set is entered it can be stored in the PC for calling up again when a device with the same operating mechanism is next being parameterized. The parameters can be entered more exactly and independently of each other than is possible using potentiometers. In addition it is possible for 2 or 3 parameter sets to be stored in the SIKOSTART 3RW22. This makes the devices ideal for use on Dahlander motors, polechanging motors and wind energy systems, and for the serial starting of motors with different ratings or loads. WinSIKOSTARTER selection and simulation program With this software, you can simulate and select all Siemens soft starters, taking into account various parameters such as mains properties, motor and load data, and special application requirements. The software is a valuable tool, which makes complicated, lengthy manual calculations for determining the required soft starters superfluous. You can order the CDROM under the following order number Order No. E20001D1020P302X7400. To browse Academia.edu and the wider internet faster and more securely, please take a few seconds to upgrade your browser. Discover everything Scribd has to offer, including books and audiobooks from major publishers. <http://ateliersmq.com/pevron/www/img/comdial-impact-phone-manual.xml>

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Manual 1 For Later 0 0 upvotes, Mark this document as useful 0 0 downvotes, Mark this document as not useful Embed Share Print Download Now Jump to Page You are on page 1 of 76 Search inside document No entanto apresentam picos de corrente e de conjugado indesejáveis quando em partida direta. Para facilitar a partida são utilizados vários métodos, como estrelatriângulo, compensadoras, etc. Estes métodos conseguem uma redução na corrente de partida, porém a comutação e por degraus de tensão. Agora surge um novo conceito de partida e parada de motores, de forma controlada as chaves estáticas de partida e parada de motores softstarters. O SIKOSTART 3RW22, através de comando microprocessado controla tiristores que ajustam a tensão enviada ao estator do motor. Desta forma, consegue-se de um lado aliviar os altos conjugados de aceleração do motor e, de outro lado, proteger a rede das correntes de partida elevadas. Com a limitação do conjugado de aceleração eliminam-se praticamente os trancos, suavizando o movimento de deslocamento ou trabalho do material, e assim obtém-se um desgaste menor de todas as partes mecânicas do acionamento e, conseqüentemente, ampliar os intervalos entre manutenções, com maior segurança operacional e menor tempo fora de operação. Evitando-se os picos de corrente durante a partida, pode-se reduzir a demanda de energia, portanto, o SIKOSTART ajuda a reduzir custos. Evitam-se conjugados de partida elevados e picos de corrente reduzindo-se a tensão nos terminais do motor, durante a partida. O controle da tensão é obtido variando-se o ângulo de disparo dos tiristores ligados em antiparalelo. Estes parâmetros e a programação são gravados na EEPROM incorporados na chave, sendo possível monitorar a partida via PC, ou desconectá-la, operando na chave diretamente.

InstructionsHardwareVoraussetzungen. Deutsch. Welche Hardware ist erforderlichBetriebsanleitung 3ZX10120RW22. Nicht erforderlich sindFolgende Einstellungen erfolgen automatischDas Programm belegt die Tasten mit den erforderlichen Funktionen und setzt sie nach Verlassen des ProgrammsSoftwareVoraussetzungen. Welche Software ist erforderlichBeachten Sie bei der Installation die folgenden PunkteProgramm starten.DOSApplikation.Festplatte. Die Installation auf Diskette oder der Start von Diskette ist nicht. Installation. Befehle. So installieren Sie das ProgrammSprachenSo ermitteln Sie den seriellen Port. Port an.Schraubendreher.Merken Sie sich die Nummer des Ports.Programmstart. Geben Sie folgende Befehle einAchtungComputerViren. Die mitgelieferte Testsoftware behebt Probleme bei der InstallationHinweis. Wenn Sie den SIKOSTART 3RW22 ohne angeschlossenen MotorParameternCOM SIKOSTART V xxx1. Standard. Anwendung. Polumschaltbare. Motoren. Dahlander Motoren. Serielles Anlassen. Serielles AnlassenParametersatz 2Parametersatz 3Die Funktion derSIKOSTART wieder ab. Werden mehr als einKlebeschild zur richtigen Kennzeichnung derF3 Halbleitersicherungen. F6 SteuerspannungssicherungS2 AusTaster. S7 Ein 1. Drehzahl. S8 Ein 2. Drehzahl. M1 MotorF3 Halbleitersicherungen. F5 Steuerspannungssicherung. F6 Steuerspannungssicherung. F11, F21, F31 Motorabzweigsicherungen. S1 NotAusEinrichtung. S10, S20, S30 AusTaster. S11, S21, S31 EinTaster. M1 MotorHardwareEnglish. What is the hardware requirementInstructions 3ZX10120RW22. Not requiredNot supportedAccelerates program executionThe following settings take place automaticallyAutomaticThe program assigns the necessary functions to the keys andThe statuses of the cables are read at theSoftwareInstallation. Please note the following points concerning installationThe program must be installed on the hard disk. It is stored on the floppy disk in compressed formFrom version 4.00 the program is not protected against copyingInstallation. Commands.

<http://www.drupalitalia.org/node/68709>

The program is installed as followsLanguages. The selected language can be changed by entering SPRACHE2.You will find new versions in the file README2.ENG. Location of theThe serial port is located as followsNote the number of the port.Program start. Enter the following commandsRW22PC L for the monochrome monitor.Caution. The control commands START, STOP and RESET QUIT mayOtherwise there is no assurance of operating safety.Computer viruses. The test software

supplied eliminates problems occurring on Checks the free memory and the TSR The files on the diskette are guaranteed free of viruses according to the viruses known according to McAfee Ass. Note. If you wish to assign parameters to the SIKOSTART 3RW22 Depending on COM SIKOSTART V xxx1. Setting the SIKOSTART 3RW22 for. Standard Pole changing Dahlander Cascade starting. Cascade starting. One parameter set. Two parameter sets. Three parameter sets. Function of the inputs 1, 2 and 3 in each case Parameter set 3 The function of the If used with three parameter sets, it is only possible to acknowledge a fault via the PC F9 or To do this you require a SIKOSTART with PC communication. Pay attention at the SIKOSTART and the motor. F3 Semiconductor fuses. F6 Control voltage fuse. F7 Overload relay, 1st speed K1 Line contactor. K5 Contactor, 1st speed. K6 Contactor, 2nd speed. S1 EMERGENCY OFF device. S2 OFF button. S5 Acknowledge fault. S7 ON, 1st speed. S8 ON, 2nd speed. M1 Motor F3 Semiconductor fuses. F5 Control voltage fuses. F6 Control voltage fuses. F11, F21, F31 Motor branch circuit fuses. F12, F22, F32 Overload relay. K1 Mains contactor. K8 Auxiliary contactor fault. K9 Auxiliary contactor end of starting. K10, K20, K30 Motor contactor. K12, K22, K32 Motor contactor. S1 Emergency off device. S10, S20, S30 Off pushbutton. S11, S21, S31 On pushbutton. M1 Motor End of To do this you require a SIKOSTART with PC communication.

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Observe the permissible Requirimientos No se precisa Si aparecen problemas, en caso de pantallas con controlador El programa asigna a dichas teclas las funciones correspondientes; al finalizar el programa vuelven a asignarse sus Requirimientos El programa debe estar instalado en el disco duro. A partir de la version 4.00 el programa se encuentra sin proteccion para copiado. Comandos de. Forma de instalar el programa Idiomas. Tecleando SPRACHE2 es posible modificar el idioma ajustado. Forma de localizar el port serie Arranque del Forma de proceder De lo contrario no queda garantizada la seguridad de funcionamiento. Virus. El software de test suministrado resuelve problemas durante la En los ficheros del disquete se garantiza la ausencia de virus de. Nota COM SIKOSTART V xxx1 Motores de 2 Motores Dahlander. Arranque en Arranque en Si se activa Para ello se precisa un SIKOSTART que pueda comunicarse con un PC. F6 Fusible circuito de mando K5 Contact. 1a veloc. K6 Contact. 2a veloc. S1 Disp. parada emerg. S2 Pulsador DES. S5 Acuse de perturb. S7 Con 1a veloc. M1 Motor F3 Fusibles para tiristores. F11, F21, F31 Fusibles salida motor. K1 Contactor de red. K8 Contactor aux. fallo. K9 Contactor aux. fin arranque. K10, K20, K30 Contactor motor. K12, K22, K32 Contactor motor. S1 Parada de emergencia. S5 Acuse de fallo. S10, S20, S30 Pulsador PARADA. S11, S21, S31 Pulsador MARCHA. M1 Motor Fin Fallo Logiciel requis. Que faut il comme logiciel Une installation sur disquette ou le lancement depuis la disquette ne sont pas possibles cela se traduirait par une destruction des fichiers sur la disquette. Commandes Langues Identification du Lancement du Entrez les commandes suivantes Attention Virus. Le logiciel de test joint sert au moment de l'installation Remarque Suivant votre choix, les COM SIKOSTART V xxx1. Application Moteurs. Dahlander Pour ce cas de Tenez compte dans le F6 Fusible tension de commande. F7 Relais de surcharge vitesse 1. F8 Relais de surcharge vitesse 2. K1 Contacteur principal.

<http://futurepointtech.com/images/canon-manual-zoom-cameras.pdf>

K5 Contacteur vitesse 1 S7 Marche vitesse 1. S8 Marche vitesse 2. M1 Moteur F5 Fusibles p. tension de cde. F6 Fusibles p. tension de cde. F11, F21, F31 Fusibles de surcharge. F12, F22, F32 Relais de surcharge. K10, K20, K30 Contacteur moteur. K12, K22, K32 Contacteur moteur. S11, S21, S31 Boutons marche. M1 Moteur SIKOSTART et le moteur. Premesse hardware. Italiano. Quali premesse hardware sono necessarie Non sono necessari Le seguenti impostazioni sono automatiche Il programma assegna ai tasti le funzioni necessarie; dopo Premesse software. Quali premesse software sono necessarie Per l'installazione tenere conto di quanto segue Il programma deve essere installato sul disco fisso. Il programma 3RW22.COM.EXE si trova in formato compresso Non sono possibili l'installazione e lo start direttamente dal Dalla versione 4.00 programme mon piu protetto.

Installazione. ComandiLingue. Per cambiare la lingua impostata impostare SPRACHE2.Modifiche della versione sono contenute nel file README2.ITA. Ricerca del PortIl Port seriale viene trovato nel modo seguenteTenere a mente il numero del Port.Start dellImpostare i seguenti comandiRW22PC L su monitor monocromatico.Attenzione. Gli ordini START, STOP e RESET QUIIT possono essere emessiVirus. Il software di prova che viene fornito aiuta a risolvere problemiViene garantito che i file contenuti nel dischetto sono privi diAvvertenzaA seconda della scelta, gliCOM SIKOSTART V xxx1. Impostazione del SIKOSTART 3RW22 per. ApplicazioniMotori a poliMotori Dahlander. Avviamento seriale. Avviamento serialeFunzioni relative agli ingressi 1, 2 e3Blocco parametri 3La funzione degliIn queste impostazioni ogni ingresso ha unaSe vengono usati tre blocchi di parametri,PC F9 o disinserendo la tensione di alimentazione. Avviso. Per definire correttamente gli ingressi, utilizzare la targhetta adesiva allegata.F3 Fusibili semiconduttori. F6 Fusibile della tensione di comando. K1 Contattore di reteS2 Pulsante di Off. S5 Tacitazione guastoF3 Fusibili dei semiconduttori.

F5 Fusibile tensione di comando. F6 Fusibile tensione di comando. F11, F21, F31 Fusibili di derivazione motore. K1 Contattore rete. K8 Errore al contattore ausiliario. K9 Fine avviamento del contattore ausiliario. K10, K20, K30 Contattore del motore. K12, K22, K32 Contattore del motore. S1 Dispositivo OFF demergenza. S5 Tacitare lerrore. S10, S20, S30 Tasto OFF. S11, S21, S31 Tasto ON. M1 MotoreContattoreSvenskaErfordras ejInstallation. KommandonAnteckna portens nummer. ProgramstartObserveraDatorvirusTSRprogram fast lagrade programCOM SIKOSTART V xxx1. PolomkopplingsbaraDahlandermotorer. Seriell start. Seriell startParameterpost 2Parameterpost 2. Paramerpost 3Med dennaVid drift med tre parameterposter kan enK6 Kontaktor 2a varvtalet. S2 FRANKnapp. S7 TILL, 1a varvtalet. S8 TILL, 2a varvtaletK12, K22, K32 Motorkontaktor. S10, S20, S30 FRANTangent. S11, S21, S31 TILLTangent. M1 MotorStartskedetSoftware Product Sheet. Certificat de Logiciel. Name.COM SIKOSTART. Siemens warrants that the Software is properly duplicated and compatible with the. Hardware mentioned in the Documention. L' obligation de garantie fournie parBereich. Antriebs, Schalt und InstallationstechnikAntriebs, Schalt und. Installationstechnik von. Siemens. Printed in the Fed. Rep. of Germany.

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