## **SIEMENS**

Data sheet 3TH4262-0AB0



Contactor relay, 62E, DIN EN 50011, 6 NO + 2 NC, screw terminal AC operation 24 V AC 50 Hz/29 V AC 60 Hz

Figure similar

product designation         Auxiliary contactor           size of contactor         0           reference code according to IEC 81346-2         K           Substance Prohibitance (Date)         12/31/2099           ambient temperature during operation         -25 +55 °C           type of voltage of the control supply voltage         AC           control supply voltage at AC         -4 t 50 Hz rated value           at 50 Hz rated value         24 V           at 60 Hz rated value         50 Hz           be 2 rated value         60 Hz           control supply voltage frequency         50 Hz           be 1 rated value         60 Hz           control supply voltage frequency         50 Hz           be 1 rated value         60 Hz           control supply voltage frequency         60 Hz           be 1 rated value         70 La received walked received without received with received without received with received with received with rec		
size of contactor         0           reference code according to IEC 81346-2         K           Substance Prohibitance (Date)         12/31/2099           ambient temperature during operation         -25 +55 °C           type of voltage of the control supply voltage         AC           control supply voltage at AC         -3 65 0 Hz rated value           - at 50 Hz rated value         29 V           control supply voltage frequency         -1 rated value           - 1 rated value         50 Hz           - 2 rated value         60 Hz           - 2 rated value         0           - 6 lady switching         0           - ladging switching         0           - ladging switching         0           - ladging switching         0           - delayed switching         0           - leading contact         0           - make-before-break switching         0           - leading contact         0           - make-before-break switching         0           number of NC contacts for auxiliary contacts         62 E           operational current at AC-15         0           - at 320 V rated value         6A           - at 320 V rated value         10 A           - at 320		·
reference code according to IEC 81346-2         K           Substance Prohibitance (Date)         12/31/2099           ambient temperature during operation         -25 +55 °C           type of voltage of the control supply voltage         AC           control supply voltage at AC	product type designation	3TH4
Substance Prohibitance (Date)         12/31/2099           ambient temperature during operation         25 +55 °C           type of voltage of the control supply voltage         AC           control supply voltage at AC         41 50 Hz rated value         29 V           • at 50 Hz rated value         29 V           • 1 stade value         50 Hz           • 2 rated value         60 Hz           • 1 stade value         0 Hz           • 2 rated value         0           • delayed switching         0           • lagging switching         0           • make-before-break switching         0           • leading contact         6           • delayed switching         0           • leading contact stor auxiliary contacts         6           • delayed switching         0           • leading contact stor auxiliary contacts         6           • delayed switching         0           • leading contact stor auxiliary contacts         6           • all sufficiation number of NO contacts for auxiliary contacts         0           • at 230 V rated value         10 A           • at 230 V rated value         6A           • state and there for switching elements         5E           • at 200 V rated value	size of contactor	0
ambient temperature during operation         -25 +55 °C           type of voltage of the control supply voltage         AC           control supply voltage at AC         24 V           • at 50 Hz rated value         29 V           • at 50 Hz rated value         50 Hz           • 1 rated value         50 Hz           • 2 rated value         60 Hz           • 2 rated value         00 Hz           • delayed switching         0           • lagging switching         0           • lagging switching         0           • ladging switching         0           • leading contact         6           • delayed switching         0           • leading contact         0           • leading contact         0           • leading contact         0           • leading contact         0           • make-before-break switching         0           • leading contact         0           • rate 250 V rated value videntification number and letter for switching elements         62 E           operational current at AC-15         10 A           • at 230 V rated value         6A           • at 400 V rated value         6A           • at 250 V rated value videntified         60 P </td <td>reference code according to IEC 81346-2</td> <td>K</td>	reference code according to IEC 81346-2	K
type of voltage of the control supply voltage at AC  at 50 Hz rated value 29 V  control supply voltage frequency  at 7 tated value 50 Hz  at 80 Hz rated value 60 Hz  at 80 Hz rated value 60 Hz  at 80 Hz rated value 60 Hz  at 80 Hz  at 80 Hz rated value 60 Hz  frated value 60 Hz  at 80	Substance Prohibitance (Date)	12/31/2099
control supply voltage at AC  at 50 Hz rated value  at 60 Hz rated value  50 Hz  control supply voltage frequency  1 rated value  50 Hz  60 Hz  mumber of NC contacts for auxiliary contacts  60 Hz  mumber of NC contacts for auxiliary contacts  61 delayed switching  62 make-before-break switching  63 make-before-break switching  64 delayed switching  65 delayed switching  66 delayed switching  67 NO contacts for auxiliary contacts  66 delayed switching  67 NO contacts for auxiliary contacts  67 delayed switching  68 delayed switching  69 delayed switching  60 delayed	ambient temperature during operation	-25 +55 °C
• at 50 Hz rated value         24 V           • at 60 Hz rated value         29 V           control supply voltage frequency         50 Hz           • 1 rated value         60 Hz           number of NC contacts for auxiliary contacts         2           • delayed switching         0           • lagging switching         0           • make-before-break switching         0           • delayed switching         0           • leading contact         0           • leading contact         0           • make-before-break switching         0           • leading contact         0           • make-before-break switching         0           • leading contact         0           • make-before-break switching         0           • make-before-break switching         0           • mumber of CO contacts for auxiliary contacts         0           identification number and letter for switching elements         62 E           operational current at AC-15         10 A           • at 230 V rated value         6 A           • at 230 V rated value         6 A           • at 400 V rated value         6 A           with         4 5 mm           depth         10 mm	type of voltage of the control supply voltage	AC
e at 60 Hz rated value  control supply voltage frequency e 1 rated value e 2 rated value 60 Hz number of NC contacts for auxiliary contacts e delayed switching e lagging switching e lagging switching e make-before-break switching e leading contact for auxiliary contacts e delayed switching e leading contact for auxiliary contacts e delayed switching e delayed switching e leading contaction for auxiliary and control circuit e screw-dup snap-on mounting onto 35 mm DIN rail according to DIN EN 50022 e leading contaction for auxiliary and control circuit e screw-dup eterminals e leading contaction for auxiliary and control circuit e screw-type terminals e leading contaction for auxiliary and control circuit e for proof test interval or service life according to IEC e 1508  Electrical Safety	control supply voltage at AC	
control supply voltage frequency	<ul> <li>at 50 Hz rated value</li> </ul>	24 V
• 1 rated value • 2 rated value  • 2 rated value  number of NC contacts for auxiliary contacts • delayed switching • lagging switching • make-before-break switching  number of NO contacts for auxiliary contacts • delayed switching • leading contact • delayed switching • leading contact • make-before-break switching • loading contact •	at 60 Hz rated value	29 V
• 2 rated value  number of NC contacts for auxiliary contacts • delayed switching • lagging switching • make-before-break switching • delayed switching • delayed switching • make-before-break switching • delayed switching • delayed switching • leading contact • delayed switching • leading contact • make-before-break switching • leading contact • make-before-break switching • leading contact • make-before-break switching • number of CO contacts for auxiliary contacts • an ake-before-break switching • number and letter for switching elements • 62 E  operational current at AC-15 • at 230 V rated value • at 430 V rated value • at 400 V rated value • at 400 V rated value • at 400 V rated value • at 45 mm  width • depth • type of electrical connection for auxiliary and control circuit • siefly related data  B10 value with high demand rate according to SN 31920  B10 value with high demand rate according to SN 31920 • for proof test interval or service life according to IEC • 61508  E1ectrical Safety  Electrical Safety	control supply voltage frequency	
number of NC contacts for auxiliary contacts  delayed switching lagging switching make-before-break switching make-before-break switching  olumber of NO contacts for auxiliary contacts delayed switching leading contact make-before-break switching leading contact leading contact make-before-break switching leading contact leading con	• 1 rated value	50 Hz
e delayed switching e lagging switching 0 make-before-break switching 0 number of NO contacts for auxiliary contacts e delayed switching 0 leading contact make-before-break switching 0 leading contact make-before-break switching 0 number of CO contacts for auxiliary contacts identification number and letter for switching elements 0 coperational current at AC-15 e at 230 V rated value e at 400 V rated value 6 A fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 50022 height vidth 45 mm depth 102 mm type of electrical connection for auxiliary and control circuit screw-type terminals  active related data  B10 value with high demand rate according to SN 31920 1 000 000; With 0.3 x le  Electrical Safety  Electrical Safety	• 2 rated value	60 Hz
e lagging switching e make-before-break switching  number of NO contacts for auxiliary contacts e delayed switching e leading contact e make-before-break switching e leading contact e make-before-break switching number of CO contacts for auxiliary contacts identification number and letter for switching elements e at 230 V rated value e at 400 V rated value e at 400 V rated value fastening method epith depth depth depth depth depth depth depth do low mumber and control circuit screw-type terminals  are:w-type terminals  ar	number of NC contacts for auxiliary contacts	2
make-before-break switching     number of NO contacts for auxiliary contacts	<ul> <li>delayed switching</li> </ul>	0
number of NO contacts for auxiliary contacts  • delayed switching • leading contact • make-before-break switching  number of CO contacts for auxiliary contacts • make-before-break switching  number of CO contacts for auxiliary contacts  identification number and letter for switching elements  operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 400 V rated value  fastening method  screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 50022  height  78 mm  width  45 mm  depth  type of electrical connection for auxiliary and control circuit screw-type terminals  afety related data  B10 value with high demand rate according to SN 31920  IEC 61508  Electrical Safety  Electrical Safety	<ul> <li>lagging switching</li> </ul>	0
<ul> <li>delayed switching</li> <li>leading contact</li> <li>make-before-break switching</li> <li>number of CO contacts for auxiliary contacts</li> <li>identification number and letter for switching elements</li> <li>62 E</li> <li>operational current at AC-15  <ul> <li>at 230 V rated value</li> <li>at 400 V rated value</li> <li>fastening method</li> <li>screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 50022</li> </ul> </li> <li>height</li> <li>78 mm</li> <li>width</li> <li>depth</li> <li>type of electrical connection for auxiliary and control circuit</li> <li>screw-type terminals</li> </ul> <li>bafety related data</li> <li>B10 value with high demand rate according to SN 31920</li> <li>if control of the proof test interval or service life according to IEC 61508</li> <li>T1 value  <ul> <li>for proof test interval or service life according to IEC 61508</li> </ul> </li> <li>Electrical Safety</li>	<ul> <li>make-before-break switching</li> </ul>	0
● leading contact ● make-before-break switching 0 number of CO contacts for auxiliary contacts identification number and letter for switching elements 62 E  operational current at AC-15 ● at 230 V rated value ● at 400 V rated value ● at 400 V rated value ● at 400 V rated value ● 6 A  fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 50022 height 78 mm width 45 mm depth 102 mm type of electrical connection for auxiliary and control circuit screw-type terminals  active related data  B10 value with high demand rate according to SN 31920 IEC 61508  T1 value ● for proof test interval or service life according to IEC 61508  Electrical Safety  Electrical Safety  Electrical Safety	number of NO contacts for auxiliary contacts	6
make-before-break switching     number of CO contacts for auxilliary contacts     identification number and letter for switching elements     operational current at AC-15	<ul> <li>delayed switching</li> </ul>	0
number of CO contacts for auxiliary contacts identification number and letter for switching elements operational current at AC-15  • at 230 V rated value • at 400 V rated value fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 50022 height 78 mm width 45 mm depth 102 mm type of electrical connection for auxiliary and control circuit screw-type terminals  active related data  B10 value with high demand rate according to SN 31920 IEC 61508  T1 value • for proof test interval or service life according to IEC 61508  Electrical Safety	leading contact	0
identification number and letter for switching elements  operational current at AC-15  o at 230 V rated value  ot 400 V rated value  fastening method  screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 50022  height  78 mm  width  45 mm  depth  102 mm  type of electrical connection for auxiliary and control circuit safety related data  B10 value with high demand rate according to SN 31920  IEC 61508  T1 value  of for proof test interval or service life according to IEC 61508  Electrical Safety  Electrical Safety	<ul> <li>make-before-break switching</li> </ul>	0
operational current at AC-15	number of CO contacts for auxiliary contacts	0
<ul> <li>at 230 V rated value</li> <li>at 400 V rated value</li> <li>6 A</li> <li>fastening method</li> <li>beight</li> <li>78 mm</li> <li>width</li> <li>depth</li> <li>102 mm</li> <li>type of electrical connection for auxiliary and control circuit</li> <li>screw-type terminals</li> <li>afety related data</li> <li>B10 value with high demand rate according to SN 31920</li> <li>IEC 61508</li> <li>T1 value</li> <li>o for proof test interval or service life according to IEC 61508</li> <li>Electrical Safety</li> </ul> Electrical Safety <ul> <li>at 20 a</li> <li>at 20 a</li> </ul> Electrical Safety <ul> <li>at 20 a</li> </ul> Electrical Safety <	identification number and letter for switching elements	62 E
• at 400 V rated value  fastening method  screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 50022  78 mm  vidth  45 mm  type of electrical connection for auxiliary and control circuit screw-type terminals  afety related data  B10 value with high demand rate according to SN 31920  IEC 61508  T1 value  • for proof test interval or service life according to IEC 61508  Electrical Safety  Electrical Safety	operational current at AC-15	
fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 50022  78 mm width 45 mm type of electrical connection for auxiliary and control circuit screw-type terminals  816 value with high demand rate according to SN 31920 IEC 61508  T1 value  • for proof test interval or service life according to IEC 61508  Electrical Safety  Electrical Safety	at 230 V rated value	10 A
height 78 mm  width 45 mm  depth 102 mm  type of electrical connection for auxiliary and control circuit screw-type terminals  Safety related data  B10 value with high demand rate according to SN 31920 1 000 000; With 0.3 x le  IEC 61508  T1 value  • for proof test interval or service life according to IEC 61508  Electrical Safety	at 400 V rated value	6 A
width 45 mm  type of electrical connection for auxiliary and control circuit screw-type terminals  Bafety related data  B10 value with high demand rate according to SN 31920 1 000 000; With 0.3 x le  IEC 61508  T1 value  • for proof test interval or service life according to IEC 61508  Electrical Safety	fastening method	screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 50022
depth 102 mm type of electrical connection for auxiliary and control circuit screw-type terminals  Safety related data  B10 value with high demand rate according to SN 31920 1 000 000; With 0.3 x le  IEC 61508  T1 value  • for proof test interval or service life according to IEC 61508  Electrical Safety	height	78 mm
type of electrical connection for auxiliary and control circuit  Safety related data  B10 value with high demand rate according to SN 31920  IEC 61508  T1 value  • for proof test interval or service life according to IEC 61508  Electrical Safety	width	45 mm
B10 value with high demand rate according to SN 31920  IEC 61508  T1 value  • for proof test interval or service life according to IEC 61508  Electrical Safety	depth	102 mm
B10 value with high demand rate according to SN 31920  IEC 61508  T1 value  • for proof test interval or service life according to IEC 61508  Electrical Safety	type of electrical connection for auxiliary and control circuit	screw-type terminals
T1 value  • for proof test interval or service life according to IEC 61508  Electrical Safety	Safety related data	
T1 value  • for proof test interval or service life according to IEC 61508  Electrical Safety	B10 value with high demand rate according to SN 31920	1 000 000; With 0.3 x le
• for proof test interval or service life according to IEC     61508  Electrical Safety		
61508  Electrical Safety	T1 value	
·		20 a
protection class IP on the front according to IEC 60529 IP00; IP20 with screws tightened, even for contacts not in use	Electrical Safety	
	protection class IP on the front according to IEC 60529	IP00; IP20 with screws tightened, even for contacts not in use

**Approvals Certificates** 

General Product Approval Functional Saftey











Type Examination Certificate

Test Certificates	other	Railway
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 Special Test Certificate
 Miscellaneous
 Type Test Certificates/Test Report
 Miscellaneous
 Confirmation
 Special Test Certificates

## Environment

Environmental Confirmations

## Further information

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3TH4262-0AB0

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TH4262-0AB0

 $Service \& Support\ (Manuals,\ Certificates,\ Characteristics,\ FAQs,...)$ 

https://support.industry.siemens.com/cs/ww/en/ps/3TH4262-0AB0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

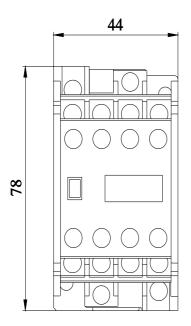
http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3TH4262-0AB0&lang=en

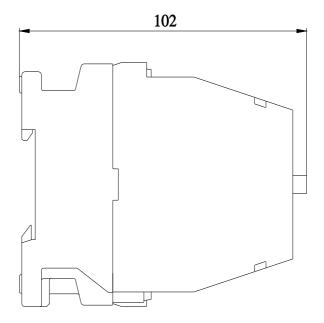
Characteristic: Tripping characteristics, I²t, Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3TH4262-0AB0/char

Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TH4262-0AB0&objecttype=14&gridview=view1





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