## SIEMENS

## Data sheet

## 6ES7922-5BG50-0HB0



S7-1500 FRONTCONN. 20 CORES HALOFR 6.5M

Front connector for SIMATIC S7-1500 40 pole (6ES7592-1AM00-0XB0) with 20 single cores 0.5 mm2 (1-20) Core type H05Z-K (halogen-free) Screw version L = 6.5 m

larget system       SIMATIC 57-1500         suitability for use       Digital I/O modules         product type designation       Front connector with single cores         Product properties, functions, components / general / header       Connector type         connector type       65:5752-21AM00-0X80         wite length       6.5 m         design of cable       H052-K         material / of the connection cable sheath       Polyolefin basis halogen-free         color of of cable sheath       Dolyofin basis halogen-free         color of of cable sheath       2.2 mm; bundled single cores         conductor cross section / rated value       0.5 mm²         marking / of cores       Number consecutively from 1 to 20 in white adapter contact = core number         type of connecting terminal       Screw-type terminal         number of poles       40; of the front connector         Operating data / header       operating voltage / at DC         • rated value       24 v         • during storage       -15 +60 °C         • during storage       -15 +60 °C <t< th=""><th colspan="2"></th></t<>		
product type designation         Flexible connection           product designation         Front connector with single cores           Product properties, functions, components / general / heador         Connector type           design of cable         6.5 m           design of cable         H052-K           material / of the connection cable sheath         Polydelin basis halogen-free           color / of cable sheath         Diue           RAL color number         0.5 mm²           conductor cross section / rated value         0.5 mm²           marking / of cores         Number consecutively from 1 to 20 in white adapter contact = core number           type of connecting terminal         Screw-type terminal           number of channels         20           number of channels         20           operating voltage / at DC         •           • rated value         24 V           • maximum         30 V           continuous current / with simultaneous load on all cores / at DC / maximum permissible         1.5 +60 °C           eutid operation         0 60 °C           General data / heador         Yes           eutid signal transmission         Yes           • PLC culput card         Yes           • Ling signal transmission         Yes	target system	SIMATIC S7-1500
product designation         Front connector with single cores           Product properties, functions, components / general / header connector type design of cable H052:K               BES7592:1AM00:0XB0 wire length 6.5 m H052:K material / of the connection cable sheath color / of cable sheath color / of cable sheath color / of cable sheath conductor cross section / rated value 0.5 mm <sup>2</sup> marking / of cores number vamber             consecting terminal number vamber             consecting terminal number variat variat variat variat variat             variat variat             variat variat             variat             variat             variat             variat             variat             variat             variat             variat             variat             variation variation             variation             variation	suitability for use	Digital I/O modules
Product properties, functions, components / general / header       connector type     65 m       wire length     6.5 m       design of cable     H052-K       material / of the connection cable sheath     Polyolefin basis halogen-free       color / of cable sheath     RAL 5010       Outer diameter / of cable sheath     2.2 mm; bundled single cores       conductor cross section / rated value     0.5 mm²       marking / of cores     Number consecutively from 1 to 20 in white adapter contact = core number       type of connecting terminal     Screw-type terminal       number of poles     40; of the fornt connector       operating voltage / at DC     erated value       • maximum     00 V       continuous current / with simultaneous load on all cores / at DC / maximum permissible     1.5 A       ambient temperature     -15 460 °C       • during storage     -15 460 °C       • PLC output card     Yes       • PLC output card     Yes       • unding storage     -15 460 °C       • PLC output card     Yes       • during storage     -15 460 °C       • output stardlibility for interaction     Yes       • input card PLC     Yes       • PLC output card     Yes       • digital signal transmission     Yes       • analog signal transmission	product type designation	Flexible connection
connector type         GES7592-1AM00-0XB0           wire length         6.5 m           design of cable         H062-K           material / of the connection cable sheath         Polyolefin basis halogen-free           color / of cable sheath         blue           RAL color number         RAL 5010           outer diameter / of cable sheath         2.2 mm; bundled single cores           conductor cross section / rated value         0.5 mm²           Mumber consecutively from 1 to 20 in white adapter contact = core number           type of connecting terminal         Screw-type terminal           number of poles         20           operating voltage / at DC         40; of the front connector           operating voltage / at DC         24 V           • rated value         20 V           • orated value         20 V           • orated value         24 V           • at DC / maximum permissible         30 V           continuous current / with simultaneous load on all cores / at DC / maximum permissible         1.5 A           ambient temperature	product designation	Front connector with single cores
wire length       6.6 m         design of cable       H052-K         material / of the connection cable sheath       Polyolefin basis halogen-free         color / of cable sheath       blue         RAL color number       RAL 5010         outer diameter / of cable sheath       2.2 mm; bundled single cores         conductor cross section / rated value       0.5 mm²         marking / of cores       Number consecutively from 1 to 20 in white adapter contact = core number         type of connecting terminal       Screw-type terminal         number of poles       40; of the front connector         Operating voltage / at DC       enakinnum         • rated value       24 V         • maximum       30 V         continuous current / with simultaneous load on all cores / at DC       1.5 A         ambient temperature       -15 +60 °C         • during operation       0 60 °C         General data / header       Yes         eutility for use       Yes         suitability for use       Yes         • digital signal transmission       Yes         • analog signal transmission       Yes         • digital signal transmission       No         type of electrical connection       other         • in the field </td <td colspan="2">Product properties, functions, components / general / header</td>	Product properties, functions, components / general / header	
design of cable     H05Z-K       material / of the connection cable sheath     Polyolefin basis halogen-free       color / of cable sheath     blue       RAL color number     RAL 5010       outer diameter / of cable sheath     2.2 mm; bundled single cores       conductor cross section / rated value     0.5 mm²       marking / of cores     Number consecutively from 1 to 20 in white adapter contact = core number       number of channels     20       number of channels     20       number of poles     40; of the front connector       Operating voltage / at DC     •       • ated value     24 V       • maximum     30 V       continuous current / with simultaneous load on all cores / at DC / maximum permissible       ambient temperature     -15 +60 °C       • during storage     -15 +60 °C       • PLC output card     Yes       • analog signal transmission     Yes       • analog signal transmission     Yes       • analog signal transmission     No       type of electrical connection     other       • in the field     other       • on enclosure	connector type	<u>6ES7592-1AM00-0XB0</u>
material / of the connection cable sheath         Polyolefin basis halogen-free           color / of cable sheath         blue           RAL color number         RAL 5010           outer diameter / of cable sheath         2.2 mm; bundled single cores           conductor cross section / rated value         0.5 mm²           marking / of cores         Number consecutively from 1 to 20 in white adapter contact = core number           type of connecting terminal         Screw-type terminal           number of channels         20           number of channels         20           operating data / header         Operating data / header           operating voltage / at DC         • rated value           • rated value         24 V           • maximum         30 V           continuous current / with simultaneous load on all cores / at DC / maximum permissible         1.5 A           ambient temperature         -15 +60 °C           • during operation         0 60 °C           o 60 °C         0 60 °C           o etailbilly / culus approval         No           suitability for interaction         -15 +60 °C           • input card PLC         Yes           • Ligital signal transmission         Yes           • ingital signal transmission         Yes <td>wire length</td> <td>6.5 m</td>	wire length	6.5 m
color / of cable sheath     blue       RAL color number     RAL 5010       outer diameter / of cable sheath     2.2 mm; bundled single cores       conductor cross section / rated value     0.5 mm²       marking / of cores     Number consecutively from 1 to 20 in white adapter contact = core       number of channels     20       number of poles     40; of the front connector       Operating data / header     24 V       operating voltage / at DC     410; of the front connector       operating voltage / at DC     410; of the front connector       otomaximum     30 V       continuous current / with simultaneous load on all cores / at DC / maximum permissible       ambient temperature     -15 +60 °C       • during storage     -15 +60 °C       • during operation     0 60 °C       Ceneral data / header     Yes       oertificate of suitability / cULus approval     No       suitability for interaction     Yes       • input card PLC     Yes       • PLC output card     Yes       suitability for use     • digital signal transmission       • digital signal transmission     Yes       • analog signal transmission     Yes       • in the field     other       • on enclosure     Screw-type terminal       reference code / acc. to IEC 81346-2	design of cable	Н05Z-К
RAL color number       RAL 5010         outer diameter / of cable sheath       2.2 mm; bundled single cores         conductor cross section / rated value       0.5 mm²         marking / of cores       Number consecutively from 1 to 20 in white adapter contact = core number         type of connecting terminal       Screw-type terminal         number of channels       20         number of poles       40; of the front connector         Operating data / header       24 V         operating voltage / at DC       42 V         • rated value       24 V         • maximum       30 V         continuous current / with simultaneous load on all cores / at DC / maximum permissible       1.5 A         ambient temperature       -15 +60 °C         • during storage       -15 +60 °C         outing storage       -15 +60 °C         suitability for interaction       0 60 °C         General data / header       Yes         certificate of suitability / cULus approval       No         suitability for interaction       Yes         • input card PLC       Yes         • Use of electrical connection       Yes         • digital signal transmission       Yes         • analog signal transmission       Yes         <	material / of the connection cable sheath	Polyolefin basis halogen-free
outer diameter / of cable sheath       2.2 mm; bundled single cores         conductor cross section / rated value       0.5 mm²         marking / of cores       Number consecutively from 1 to 20 in white adapter contact = core number         type of connecting terminal       Screw-type terminal         number of channels       20         number of poles       40; of the front connector         Operating data / header       operating voltage / at DC         operating voltage / at DC       24 V         • rated value       24 V         • maximum       30 V         continuous current / with simultaneous load on all cores / at DC / maximum permissible       1.5 A         ambient temperature       -15 +60 °C         • during storage       -15 +60 °C         • during operation       0 60 °C         Ceneral data / header       Ves         • during torage       -15 +60 °C         • during storage       0 60 °C         Centeral data / header       Yes         • uitability / otLus approval       No	color / of cable sheath	blue
conductor cross section / rated value       0.5 mm²         marking / of cores       Number consecutively from 1 to 20 in white adapter contact = core number         type of connecting terminal       Screw-type terminal         number of channels       20         number of poles       40; of the front connector         Operating voltage / at DC       erated value         • rated value       24 V         • maximum       30 V         continuous current / with simultaneous load on all cores / at DC / maximum permissible       1.5 A         ambient temperature       -15 +60 °C         • during operation       0 60 °C         Central data / header       certificate of suitability / cULus approval         suitability for interaction       Yes         • PLC output card       Yes         suitability for use       Yes         • digital signal transmission       Yes         • analog signal transmission       Yes         • in the field       other         • on enclosure       Screw-type terminal	RAL color number	RAL 5010
marking / of cores       Number consecutively from 1 to 20 in white adapter contact = core number         type of connecting terminal       Screw-type terminal         number of channels       20         number of poles       40, of the front connector         Operating data / header       24 V         operating voltage / at DC       24 V         • rated value       24 V         • maximum       30 V         continuous current / with simultaneous load on all cores / at DC / maximum permissible       1.5 A         ambient temperature       -15 +60 °C         • during operation       0 60 °C         General data / header       -15 +60 °C         certificate of suitability / cULus approval       No         suitability for interaction       Yes         • Ipic card PLC       Yes         • DLC output card       Yes         suitability for use       -15 k         • digital signal transmission       Yes         • analog signal transmission       Yes         • on enclosure       Screw-type terminal         other       Screw-type terminal	outer diameter / of cable sheath	2.2 mm; bundled single cores
number       type of connecting terminal       number of channels       20       number of poles       40; of the front connector       Operating data / header       operating voltage / at DC       • rated value       24 V       • maximum       30 V       continuous current / with simultaneous load on all cores / at DC / maximum permissible       ambient temperature       • during storage       -15 +60 °C       ouring operation       0 60 °C       Central data / header       certificate of suitability / cULus approval       No       suitability for interaction       • hight a signal transmission       Yes       • digital signal transmission       Yes       • analog signal transmission       Yes       • on enclosure       or electrical connection       • in the field       • on enclosure       Screw-type terminal	conductor cross section / rated value	0.5 mm <sup>2</sup>
number of channels       20         number of poles       40; of the front connector         Operating data / header	marking / of cores	
number of poles       40; of the front connector         Operating data / header         operating voltage / at DC         • rated value       24 V         • maximum       30 V         continuous current / with simultaneous load on all cores / at DC / maximum permissible       1.5 A         ambient temperature       -15 +60 °C         • during storage       -15 +60 °C         • during operation       0 60 °C         General data / header       -         certificate of suitability / cULus approval       No         suitability for interaction       Yes         • PLC output card       Yes         suitability for use       -         • digital signal transmission       Yes         • analog signal transmission       No         type of electrical connection       other         • in the field       other         • on enclosure       Screw-type terminal         reference code / acc. to IEC 81346-2       W	type of connecting terminal	Screw-type terminal
Operating data / header         operating voltage / at DC         • rated value       24 V         • maximum       30 V         continuous current / with simultaneous load on all cores / at DC / maximum permissible       1.5 A         ambient temperature       -         • during storage       -15 +60 °C         • during operation       0 60 °C         General data / header       -         certificate of suitability / cULus approval       No         suitability for interaction       -         • input card PLC       Yes         • PLC output card       Yes         • analog signal transmission       No         type of electrical connection       -         • in the field       other         • on enclosure       Screw-type terminal         reference code / acc. to IEC 81346-2       W	number of channels	20
operating voltage / at DC       24 V         • rated value       24 V         • maximum       30 V         continuous current / with simultaneous load on all cores / at DC / maximum permissible       1.5 A         ambient temperature       -15 +60 °C         • during storage       -15 +60 °C         • during operation       0 60 °C         General data / header	number of poles	40; of the front connector
rated value     armsimum     30 V  continuous current / with simultaneous load on all cores /     at DC / maximum permissible     ambient temperature         • during storage         -15 +60 °C         • during operation         0 60 °C  General data / header  certificate of suitability / cULus approval     No suitability for interaction         • input card PLC         Yes         • PLC output card         Yes suitability for use         • digital signal transmission         Yes         • analog signal transmission         Ves         vector connection         • in the field         on enclosure     reference code / acc. to IEC 81346-2	Operating data / header	
• maximum       30 V         continuous current / with simultaneous load on all cores / at DC / maximum permissible       1.5 A         ambient temperature       1.5 A         • during storage       -15 +60 °C         • during operation       0 60 °C         General data / header       Certificate of suitability / cULus approval         certificate of suitability / cULus approval       No         suitability for interaction       Yes         • PLC output card       Yes         suitability for use       Yes         • digital signal transmission       Yes         • analog signal transmission       No         type of electrical connection       other         • on enclosure       Screw-type terminal         reference code / acc. to IEC 81346-2       W	operating voltage / at DC	
continuous current / with simultaneous load on all cores /       1.5 A         at DC / maximum permissible       1.5 A         ambient temperature       -15 +60 °C         • during storage       -15 +60 °C         • during operation       0 60 °C         General data / header	<ul> <li>rated value</li> </ul>	24 V
at DC / maximum permissibleambient temperature• during storage-15 +60 °C• during operation0 60 °CGeneral data / headercertificate of suitability / cULus approvalNosuitability for interactionYes• PLC output cardYessuitability for use-• digital signal transmissionYes• analog signal transmissionNotype of electrical connection-• in the fieldother• on enclosureScrew-type terminalreference code / acc. to IEC 81346-2W	• maximum	30 V
• during storage-15 +60 °C• during operation0 60 °CGeneral data / headerVocertificate of suitability / cULus approvalNosuitability for interaction-15 +60 °C• input card PLCYes• PLC output cardYessuitability for use-15 +60 °C• digital signal transmissionYes• analog signal transmissionYestype of electrical connection-15 +60 °C• in the fieldother• on enclosureScrew-type terminalreference code / acc. to IEC 81346-2W		1.5 A
• during operation       0 60 °C         General data / header	ambient temperature	
General data / header         certificate of suitability / cULus approval       No         suitability for interaction       No         • input card PLC       Yes         • PLC output card       Yes         suitability for use       Yes         • digital signal transmission       Yes         • analog signal transmission       No         type of electrical connection       other         • in the field       other         • on enclosure       Screw-type terminal         reference code / acc. to IEC 81346-2       W	<ul> <li>during storage</li> </ul>	-15 +60 °C
certificate of suitability / cULus approvalNosuitability for interaction• input card PLCYes• PLC output cardYessuitability for use• digital signal transmissionYes• analog signal transmissionNotype of electrical connection• in the fieldother• on enclosureScrew-type terminalreference code / acc. to IEC 81346-2W	<ul> <li>during operation</li> </ul>	0 60 °C
suitability for interaction       Yes         • input card PLC       Yes         • PLC output card       Yes         suitability for use       Yes         • digital signal transmission       Yes         • analog signal transmission       No         type of electrical connection       other         • in the field       other         • on enclosure       Screw-type terminal         reference code / acc. to IEC 81346-2       W	General data / header	
• input card PLCYes• PLC output cardYessuitability for use-• digital signal transmissionYes• analog signal transmissionNotype of electrical connection-• in the fieldother• on enclosureScrew-type terminalreference code / acc. to IEC 81346-2W	certificate of suitability / cULus approval	No
• PLC output card       Yes         suitability for use       -         • digital signal transmission       Yes         • analog signal transmission       No         type of electrical connection       -         • in the field       other         • on enclosure       Screw-type terminal         reference code / acc. to IEC 81346-2       W	suitability for interaction	
suitability for use          • digital signal transmission       Yes         • analog signal transmission       No         type of electrical connection          • in the field       other         • on enclosure       Screw-type terminal         reference code / acc. to IEC 81346-2       W	<ul> <li>input card PLC</li> </ul>	Yes
• digital signal transmission       Yes         • analog signal transmission       No         type of electrical connection       other         • in the field       other         • on enclosure       Screw-type terminal         reference code / acc. to IEC 81346-2       W	<ul> <li>PLC output card</li> </ul>	Yes
• analog signal transmission     No       type of electrical connection     •       • in the field     other       • on enclosure     Screw-type terminal       reference code / acc. to IEC 81346-2     W	suitability for use	
type of electrical connection       other         • in the field       other         • on enclosure       Screw-type terminal         reference code / acc. to IEC 81346-2       W	<ul> <li>digital signal transmission</li> </ul>	Yes
• in the field     other       • on enclosure     Screw-type terminal       reference code / acc. to IEC 81346-2     W	<ul> <li>analog signal transmission</li> </ul>	No
on enclosure Screw-type terminal reference code / acc. to IEC 81346-2 W	type of electrical connection	
reference code / acc. to IEC 81346-2 W	• in the field	other
	on enclosure	Screw-type terminal
net weight 1.55 kg	reference code / acc. to IEC 81346-2	W
	net weight	1.55 kg

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