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 ² 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 ²
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	 rated value 	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	 during storage 	-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	 during operation 	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	 input card PLC 	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	 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	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	 digital signal transmission 	Yes
• in the field other • on enclosure Screw-type terminal reference code / acc. to IEC 81346-2 W	 analog signal transmission 	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

C