## SIEMENS

## Data sheet

## 6ES7922-5BJ00-0HC0



S7-1500 FRONTCON. 40CORES HALOG.-FR 8.0M

Front connector for SIMATIC S7-1500 40 pole (6ES7592-1AM00-0XB0) with 40 single cores 0.5 mm2 Core type H05Z-K (halogen-free) Screw version L = 8.0 m

suitability for use         Digital I/O modules           product type designation         First bile connection           Product properties, functions, components / general / header         Front connector with single cores           Product properties, functions, components / general / header         6557592:1/AM00-0X80           wire length         8 m           design of cable         H052-K           material / of the connection cable sheath         Polyclefin basis halogen-free           color / of cable sheath         Duble           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 40 in white adapter contact = core           number of channels         40           number of poles         40; of the front connector           Operating voltage / at D / beader         24 V           e rated value         24 V           e mainum         30 V           conting terraind portage         1.5 A           ambien temperature         0 ''C           e during operation         0 60 ''C           exitability for interaction         Yes           suitability for use	target system	SIMATIC S7-1500
product type designation         Flexible connection           product designation         Front connector with single cores           Product properties, functions, components / general / header         GES75921AM00_0XB0           connector type         GES75921AM00_0XB0           wire length         8 m           design of cable         H052_k           material / of the connection cable sheath         Polyolefin basis halogen-free           color / 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 40 in white adapter contact = core number           type of connecting terminal         Screw-type terminal           number of poles         40           number of channels         40           number of channels         40           operating voltage / at DC         24 V           • naakinum         30 V           continuous current / with simultaneous load on all cores / at DC         1.5 +60 °C           • during operation         0 60 °C           General data / header         Yes           • old all signal transmission         Yes           • input card PLC         Yes           • input card PLC         Yes		
product designation       Front connector with single cores         Product properties, functions, components / general / heador		-
Product properties, functions, components / general / header       connector type     65:37592-1AM00-0XB0       wire length     8 m       design of cable     H052-K       material / of the connection cable sheath     Polyolefin basis halogen-free       color / of cable sheath     Dilue       RAL color number     RAL 5010       outcor ross section / rated value     0.5 mm²       marking / of cores     Number consecutively from 1 to 40 in white adapter contact = core number       type of connecting terminal     Screw-type terminal       number of channels     40       operating data / header     operating voltage / at DC       • rated value     24 V       • maximum     30 V       continuous current / with simultaneous load on all cores / at DC     1.5 A       • atted value     -15 +60 °C       • during operation     0 60 °C       Central data / header     Yes       • outring operation     Yes       • ulding storage     -15 +60 °C       • Unding storage     -15 +60 °C       • PLC coupt card     Yes       suitability for interaction     Yes       • indit signal transmission     Yes       • idigital signal transmission     Yes       • idigital signal transmission     Yes       • in the fied <td< td=""><td></td><td></td></td<>		
connector type         6ES7592-1AM00-0XB0           wire length         8 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           Mumber consecutively from 1 to 40 in white adapter contact = core number           type of connecting terminal         Screw-type terminal           number of poles         40           operating voltage / at DC         erated value           • rated value         30 V           continuous current / with simultaneous load on all cores / at DC / maximum permissible         1.5 A           ambient temperature         • during storage           • during storage         -15 +60 °C           • enditability / cULus approval         No           suitability for interaction         Yes           • PLC output card         Yes           • endita / header         Yes           • endita / header         Yes           • during storage         -15 +60 °C           • PLC output card         Yes <td></td> <td>, ,</td>		, ,
wire length         8 m           design of cable         PdySZ-K           material / of the connection cable sheath         PdyGetin 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 40 in white adapter contact = core           type of connecting terminal         Screw-type terminal           number of channels         40           number of channels         40           operating voltage / at DC         erated value           operating voltage / at DC         erated value           operating voltage / at DC         erated value           outing storage         -15 +60 °C           outing storage         -15 +60 °C           outing storage         -0 60 °C           outing operation         0 60 °C           outing storage         -15 +60 °C		
design of cable     H05Z-K       material / of the connection cable sheath     Polyclefin 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 40 in white adapter contact = core number       humber of channels     40       number of poles     40; of the front connector       Operating data / header     24 V       • araded value     24 V       • ated value     24 V       • ated value     24 V       • ated value     24 V       • during operation     1.5 A       ambient temperature     -15 +60 °C       • during operation     0 60 °C       General data / header     Yes       oertificate of suitability / cULus approval     No       suitability for use     Yes       • digital signal transmission     Yes       • digital signal transmission     No       type of electrical connection     other       • on enclosure     Screw-type terminal		
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 40 in white adapter contact = core number           type of connecting terminal         Screw-type terminal           number of poles         40           Operating data / header         oger addition additio		
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 40 in white adapter contact = core number       type of connecting terminal     Screw-type terminal       number of channels     40       number of poles     40; of the front connector       Operating data / header     24 V       operating voltage / at DC     • rated value       • at DC / maximum permissible     30 V       ambient temperature     -15 +60 °C       • during operation     0 60 °C       General data / header     Yes       oretificate of suitability / cULus approval     No       suitability for use     • digital signal transmission       • input card PLC     Yes       • electricat connection     Yes       • digital signal transmission     No       • unalgi signal transmission     No       • in the field     other       • on enclosure     Screw-type terminal		
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 40 in white adapter contact = core number         type of connecting terminal       Screw-type terminal         number of poles       40         operating data / header       00         operating voltage / at DC       41         • 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 storage       -15 +60 °C         • during storage       -15 +60 °C         • during operation       0 60 °C         General data / header       Yes         certificate of suitability / cULus approval       No         suitability for use       Yes         • digital signal transmission       Yes         • analog signal transmission       Yes         • analog signal transmission       No         type of electrical connection       other         • in the field <td></td> <td></td>		
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 40 in white adapter contact = core number           type of connecting terminal         Screw-type terminal           number of channels         40           number of poles         40           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 storage         -15 +60 °C           • during operation         0 60 °C           General data / header         Certificate of suitability / cULus approval           outing storage         -15 +60 °C           • during storage         -15 +60 °C	color / of cable sheath	
conductor cross section / rated value       0.5 mm²         marking / of cores       Number consecutively from 1 to 40 in white adapter contact = core number         type of connecting terminal       Screw-type terminal         number of channels       40         number of poles       40; of the front connector         Operating data / header       24 V         operating voltage / at DC       • rated value         • at data / header       30 V         continuous current / with simultaneous load on all cores / at DC       1.5 A         at DC / maximum permissible       anditotic consecutively from 0 = 060 °C         General data / header       060 °C         General data / header       Yes         • during operation       060 °C         General data / header       Yes         • during operation       Yes         • during operation       No         suitability for use       • (digital signal transmission         • input card PLC       Yes         • PLC output card       Yes         • digital signal transmission       Yes         • digital signal transmission       Yes         • in the field       other         • on enclosure       Screw-type terminal         reference code / acc. to I		RAL 5010
marking / of cores       Number consecutively from 1 to 40 in white adapter contact = core number         type of connecting terminal       Screw-type terminal         number of poles       40         number of poles       40; of the front connector         Operating data / header       24 V         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 storage       60 °C         General data / header       -         certificate of suitability / cULus approval       No         suitability for interaction       60 °C         • input card PLC       Yes         • oligital signal transmission       Yes         • digital signal transmission       Yes         • analog signal transmission       No         type of electrical connection       other         • on enclosure       Screw-type terminal	outer diameter / of cable sheath	2.2 mm; bundled single cores
number       type of connecting terminal       number of channels       40       number of poles       40       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       - toting operation       0 60 °C       General data / header       certificate of suitability / cULus approval       suitability for interaction       • input card PLC       Yes       • digital signal transmission       ves       • digital signal transmission       ves       • analog signal transmission       • in the field       • on enclosure       Screw-type terminal	conductor cross section / rated value	0.5 mm²
number of channels       40         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       -         • input card PLC       Yes         • PLC output card       Yes         suitability for use       -         • digital signal transmission       Yes         • analog signal transmission       Yes         • analog signal transmission       No         type of electrical connection       -         • in the field       other         • on enclosure       Screw-type terminal	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         • analog signal transmission       Yes         • analog signal transmission       No         type of electrical connection       other         • in the field       other         • on enclosure       Screw-type terminal	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       -15 +60 °C         • during storage       -15 +60 °C         • during operation       0 60 °C         General data / header	number of channels	40
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       -         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       -         • in the field       other         • on enclosure       Screw-type terminal         reference code / acc. to IEC 81346-2       W	number of poles	40; of the front connector
rated value         24 V         maximum         30 V         continuous current / with simultaneous load on all cores /         at DC / maximum permissible         ambient temperature             eduring storage             eduring storage             eduring operation             0 60 °C certificate of suitability / cULus approval             suitability for interaction             einput card PLC             PLC output card             yes             eligital signal transmission             Yes             edigital signal transmission             ves             eanalog signal transmission             vinter field             other             enerclicate of acc. to IEC 81346-2             W	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         vertificate 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 / 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       Yes         • digital signal transmission       Yes         type of electrical connection       No         • in the field       other         • on enclosure       Screw-type terminal         reference code / acc. to IEC 81346-2       W	<ul> <li>rated value</li> </ul>	24 V
at DC / maximum permissibleambient temperature• during storage• during operation0 60 °CGeneral data / headercertificate of suitability / cULus approvalsuitability for interaction• input card PLC• PLC output card• digital signal transmission• digital signal transmissiontype of electrical connection• in the field• on enclosurecortect 81346-2W	• maximum	30 V
• during storage-15 +60 °C• during operation0 60 °CGeneral data / headerVescertificate of suitability / cULus approvalNosuitability for interactionYes• input card PLCYes• PLC output cardYessuitability for useNo• digital signal transmissionYes• analog signal transmissionNotype of electrical connectionNo• 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       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	during storage	-15 +60 °C
certificate of suitability / cULus approvalNosuitability for interactionYes• input card PLCYes• PLC output cardYessuitability for useYes• digital signal transmissionYes• analog signal transmissionNotype of electrical connectionother• 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 transmissionNo• type of electrical connection-• in the fieldother• on enclosureScrew-type terminalreference code / acc. to IEC 81346-2W	certificate of suitability / cULus approval	No
• 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	suitability for interaction	
• 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	-	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	•	Yes
• digital signal transmission       Yes         • analog signal transmission       No         type of electrical connection       Image: Connection         • in the field       other         • on enclosure       Screw-type terminal         reference code / acc. to IEC 81346-2       W	· · · · · · · · · · · · · · · · · · ·	
• 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	-	Yes
type of electrical connection       other         • in the field       other         • on enclosure       Screw-type terminal         reference code / acc. to IEC 81346-2       W		No
• in the field     other       • on enclosure     Screw-type terminal       reference code / acc. to IEC 81346-2     W		
on enclosure Screw-type terminal reference code / acc. to IEC 81346-2 W		other
reference code / acc. to IEC 81346-2 W	• on enclosure	Screw-type terminal
	net weight	3.39 kg

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