

S7-1500 FRONTCONN. 20 CORES H05V-K 2.5M  
 Front connector for SIMATIC S7-1500 40 pole (6ES7592-1AM00-0XB0) with 20 single cores 0.5 mm<sup>2</sup> (1-20) Core type H05V-K Screw version L = 2.5 m



Target system	SIMATIC S7-1500
Suitability for use	Digital I/O modules
Product type designation	Flexible connection
Product designation	Front connector with single cores

Product properties, functions, components / general	
Connector type	<a href="#">6ES7592-1AM00-0XB0</a>
Wire length	2.5 m
Design of cable	H05V-K
Material / of the connecting cable sheath	PVC
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 mm <sup>2</sup>
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

Operating voltage / at DC	
<ul style="list-style-type: none"> <li>• Rated value</li> <li>• maximum</li> </ul>	<p>24 V</p> <p>30 V</p>
Continuous current / with simultaneous load on all cores / at DC / maximum permissible	1.5 A
Ambient temperature	
<ul style="list-style-type: none"> <li>• during storage</li> <li>• during operation</li> </ul>	<p>-30 ... +70 °C</p> <p>0 ... 60 °C</p>

### General data

Certificate of suitability / cULus approval	No
Suitability for interaction	
<ul style="list-style-type: none"> <li>• Input card PLC</li> <li>• PLC output card</li> </ul>	<p>Yes</p> <p>Yes</p>
Suitability for use	
<ul style="list-style-type: none"> <li>• digital signal transmission</li> <li>• analog signal transmission</li> </ul>	<p>Yes</p> <p>No</p>
Type of electrical connection	
<ul style="list-style-type: none"> <li>• in the field</li> <li>• on enclosure</li> </ul>	<p>other</p> <p>Screw-type terminal</p>
Equipment marking / acc. to DIN EN 81346-2	W
Net weight	0.81 kg