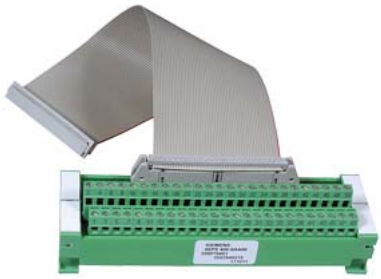
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Data sheet 6EP5406-5AA00

Transf. Module 50PIN. 1TO1 W/O LED

Terminal strip converter from 50-pin IDC connector to Screw terminals for 1 to 1 connection O. LED



Technical Product Detail Page	https://i.siemens.com/1P6EP5406-5AA00
target system	SINUMERIK
product brand name	SIMATIC Top connect
product type designation	Fully modular connection
product designation	Connection module
electrical data	
operating voltage	
● at DC / rated value	60 V
● rated value	60 V
● at DC / maximum	60 V
ampacity / per pin / maximum	1 A
continuous current / at DC / per signal cable / maximum	1 A
product function / infeed function	No
product component	
● PE connection	No
● shield connection	No
● disconnector	No
product feature / cross-connectable	No
connection method	
number of terminals	50
type of connecting terminal	Screw-type terminal
position / of the terminal	Top
number of terminal levels	1
design of terminal / terminal levels internally linked	No
type of electrical connection / for connecting cable	Plug-in connection
number of poles / at the 1st interface	50; IDC connector with installed strain relief for the connecting cable
number of the plug contacts / of the electrical connection	1
type of connectable conductor cross-sections / solid	No
connectable conductor cross-section	
● for flexible conductor / with core end processing	0.14 ... 1.5 mm²
● stranded	0.14 ... 1.5 mm²
● finely stranded / without core end processing	0.14 ... 1.5 mm²
● finely stranded / with core end processing	0.14 ... 1.5 mm²
number of cables / per connection	1
width of screwdriver blade	3.5 mm
standards, specifications, approvals	
design tested acc. to type of protection / EEx e	No
overvoltage category	2
degree of pollution	2

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ambient conditions	
ambient temperature	
● during operation	-20 ... +50 °C
● during storage	-20 ... +70
mechanical data	
width × height × depth	151 mm × 45 mm × 50 mm
mounting position	any
height / with lowest-profile installation	50 mm
net weight	0.16 kg
color	
● of the enclosure	green
● of the light source	without
product component / required / end cover plate	No
further information / internet links	
internet link	
● to website: Industry Mall	https://mall.industry.siemens.com
● to web page: selection aid TIA Selection Tool	https://www.siemens.com/tstcloud
● to web page: system cabling	https://siemens.com/simatic-top-connect
● to website: CAx-Download-Manager	https://siemens.com/cax
● to website: Industry Online Support	https://support.industry.siemens.com
additional information	
other information	Specifications at rated input voltage and ambient temperature +25 °C (unless otherwise specified)
marketing text	the terminal strip converter of 50-pole IDC plug to screw terminals for 1-to-1 connection without LED

Classifications

	Version	Classification
eClass	16	19-20-06-92
eClass	14	19-20-06-92
eClass	12	19-20-06-92
eClass	9.1	19-20-06-92
eClass	9	19-20-06-92
eClass	8	27-36-02-92
eClass	7.1	27-36-02-92
eClass	6	27-36-02-92
ETIM	10	EC001413
ETIM	9	EC001413
ETIM	8	EC001413
ETIM	7	EC001413
UNSPSC	15	32-15-17-07

Approvals / Certificates

General Product Approval

China RoHS

last modified: 8/28/2026

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