

Front adapters - FLKM 4X14-PA/SC/DIO/S7-1500 - 2907381

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VARIOFACE front adapter with screw connection, for SIMATIC® S7-1500 digital 35 mm modules, 4x 8 or 2x 8 channels can be connected.

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	 4 055626 256511
GTIN	4055626256511

Technical data

Dimensions

Width	25.4 mm
Height	130.5 mm
Depth	45.5 mm

Ambient conditions

Ambient temperature (operation)	-25 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Degree of protection	IP20

General

Max. permissible operating voltage	< 50 V DC
Max. permissible current	1 A (per path)
Max. permissible total current	3 A (per byte when supplying from the module side)
	12 A (When supplying via the front adapter)
Nominal operating mode	100% operating factor

Standards and Regulations

Standards/regulations	IEC 61131-2
Rated surge voltage	0.5 kV

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Technical data

Standards and Regulations

Pollution degree	2
Overvoltage category	II

Connection data

Connection name	Field level
Connection method	IDC/FLK pin strip
Number of connections	4
Number of positions	14
Channels which can be connected	32
Pitch	2.54 mm

Connection data 2

Connection name	Field level
Connection method	IDC/FLK pin strip
Number of connections	2
Number of positions	14
Channels which can be connected	16
Pitch	2.54 mm

Connection data 3

Connection name	Supply
Connection method	Screw connection
Stripping length	10 mm
Conductor cross section solid	0.25 mm² ... 1.5 mm² (with ferrule)
	0.5 mm² ... 2.5 mm² (without ferrule)
Conductor cross section flexible	0.25 mm² ... 1.5 mm² (with ferrule)
	0.5 mm² ... 2.5 mm² (without ferrule)
Torque	0.4 Nm

Supported controller

Controller	SIEMENS S7-1500
- suitable I/O card	6ES7 521-1BH00-0AB0
	6ES7 521-1BH50-0AA0
	6ES7 521-1BL00-0AB0
	6ES7 522-1BH00-0AB0
	6ES7 522-1BH01-0AB0
	6ES7 522-1BL00-0AB0
	6ES7 522-1BL01-0AB0
	6ES7 522-1BH00-0AB1

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50 years
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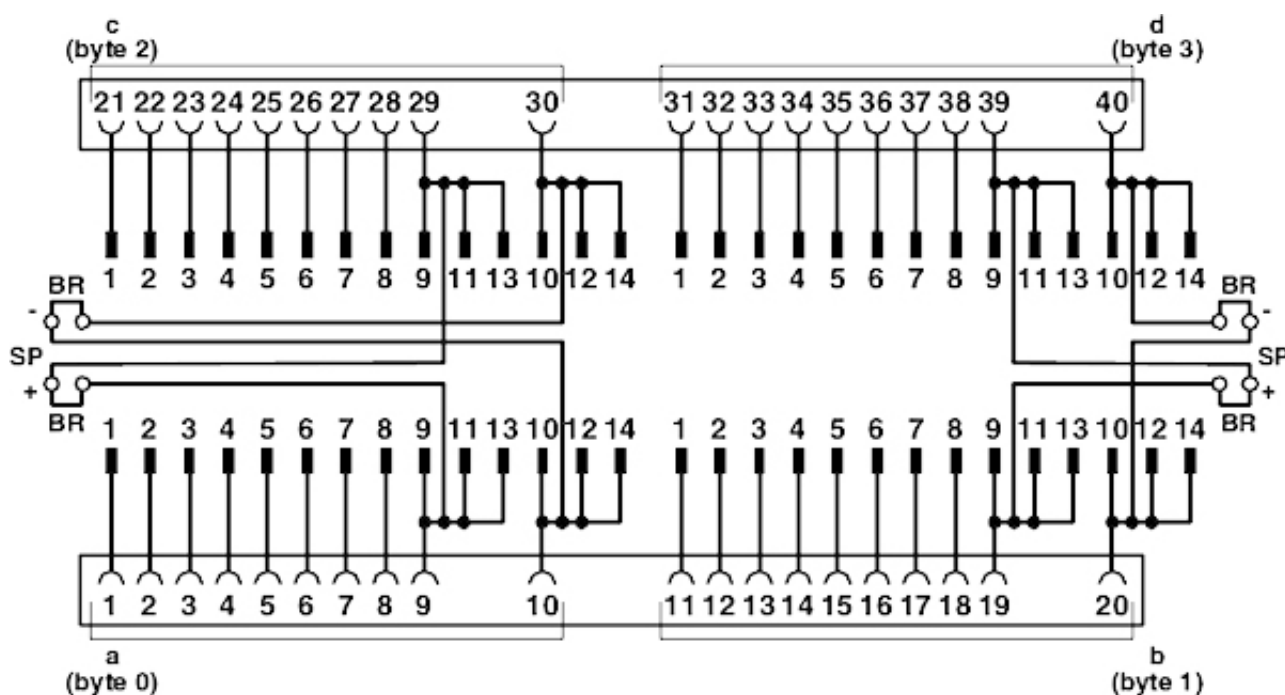
Technical data

Environmental Product Compliance

	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"
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Drawings

Circuit diagram



Connection scheme for FLKM 4X14-PA/.../DIO/S7-1500

Classifications

eCl@ss

eCl@ss 10.0.1	27242292
eCl@ss 5.0	27249290
eCl@ss 5.1	27249290
eCl@ss 6.0	27249200
eCl@ss 7.0	27249290
eCl@ss 8.0	27249290
eCl@ss 9.0	27242292

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Classifications

ETIM

ETIM 4.0	EC002584
ETIM 5.0	EC002584
ETIM 6.0	EC002584
ETIM 7.0	EC002584

UNSPSC

UNSPSC 13.2	32151601
UNSPSC 18.0	32151601
UNSPSC 19.0	32151601
UNSPSC 20.0	32151601
UNSPSC 21.0	32151601

Approvals

Approvals

Approvals

UL Listed / cUL Listed / EAC / cULus Listed

Ex Approvals

Approval details

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705
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cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705
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EAC		RU C- DE.A*30.B00767
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cULus Listed	
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Accessories

Accessories

Controller board

Passive module - VIP-2/SC/FLK14/PLC - 2315214



VARIOFACE interface module for 8 channels

Passive module - VIP-2/PT/FLK14/PLC - 2903801



VARIOFACE interface module, with push-in connection for 8 channels

Passive module - VIP-2/SC/FLK14/LED/PLC - 2322249



VARIOFACE interface module, with LED, for 8 channels

Passive module - VIP-2/PT/FLK14/LED/PLC - 2904279



VARIOFACE interface module, with push-in connection and light indicator, for 8 channels

Passive module - VIP-3/SC/FLK14/8IM/PLC - 2322278



VARIOFACE sensor module, for connecting 8 pnp sensors

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Accessories

Passive module - VIP-3/PT/FLK14/8IM/PLC - 2904282



VARIOFACE sensor module, with push-in connection, for connecting 8 pnp sensors

Passive module - FLKM 14/KDS3-MT/PPA/PLC - 2290423



VARIOFACE interface module, for 8 channels with knife disconnect terminal blocks and test sockets to the peripherals and the system

System connection - PLC-V8/FLK14/OUT - 2295554



V8 adapter for 8 x PLC-INTERFACE (6.2 mm), controller: PLC system cabling of output cards, connection 1: Screw connection 1x, connection 2: IDC/FLK pin strip 1x 14-position, connection 3: Plug connection (Can be snapped onto 8x PLC-INTERFACE terminals), number of channels: 8, control logic: positive switching

System connection - PLC-V8/FLK14/IN - 2296553



V8 adapter for 8 x PLC-INTERFACE (6.2 mm), controller: PLC system cabling of input cards, connection 1: Screw connection 1x, connection 2: IDC/FLK pin strip 1x 14-position, connection 3: Plug connection (Can be snapped onto 8x PLC-INTERFACE terminals), number of channels: 8, control logic: positive switching

System connection - PLC-V8L/FLK14/OUT - 2299660



V8 adapter for 8 x PLC-INTERFACE (14 mm), controller: PLC system cabling of output cards, connection 1: Screw connection 1x, connection 2: IDC/FLK pin strip 1x 14-position, connection 3: Plug connection (Can be snapped onto 8x PLC-INTERFACE terminals), number of channels: 8, control logic: positive switching

System cable

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Accessories

Cable - FLK 14/EZ-DR/ 100/KONFEK - 2288914



Round cable set; connection 1: IDC/FLK socket strip (1x 14-position); connection 2: IDC/FLK socket strip (1x 14-position); cable length: 1 m

Cable - FLK 14/EZ-DR/ 200/KONFEK - 2288930



Round cable set; connection 1: IDC/FLK socket strip (1x 14-position); connection 2: IDC/FLK socket strip (1x 14-position); cable length: 2 m

Cable - FLK 14/EZ-DR/ 300/KONFEK - 2288956



Round cable set; connection 1: IDC/FLK socket strip (1x 14-position); connection 2: IDC/FLK socket strip (1x 14-position); cable length: 3 m

Cable - FLK 14/EZ-DR/ 400/KONFEK - 2288972



Round cable set; connection 1: IDC/FLK socket strip (1x 14-position); connection 2: IDC/FLK socket strip (1x 14-position); cable length: 4 m

Cable - FLK 14/EZ-DR/ 500/KONFEK - 2290834



Round cable set; connection 1: IDC/FLK socket strip (1x 14-position); connection 2: IDC/FLK socket strip (1x 14-position); cable length: 5 m

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Accessories

Cable - FLK 14/EZ-DR/ 100/KONFEK/S - 2296980



Assembled shielded round cable; connection 1: IDC/FLK socket strip (1x 14-position); connection 2: IDC/FLK socket strip (1x 14-position) (The braided shield is routed to a separate cable end.); cable length: 1 m

Cable - FLK 14/EZ-DR/ 200/KONFEK/S - 2297002



Assembled shielded round cable; connection 1: IDC/FLK socket strip (1x 14-position); connection 2: IDC/FLK socket strip (1x 14-position) (The braided shield is routed to a separate cable end.); cable length: 2 m

Cable - FLK 14/EZ-DR/ 300/KONFEK/S - 2299013



Assembled shielded round cable; connection 1: IDC/FLK socket strip (1x 14-position); connection 2: IDC/FLK socket strip (1x 14-position) (The braided shield is routed to a separate cable end.); cable length: 3 m

Cable - FLK 14/EZ-DR/ 400/KONFEK/S - 2299026



Assembled shielded round cable; connection 1: IDC/FLK socket strip (1x 14-position); connection 2: IDC/FLK socket strip (1x 14-position) (The braided shield is routed to a separate cable end.); cable length: 4 m

Cable - FLK 14/EZ-DR/HF/ 100/KONFEK - 2305965



Assembled, halogen-free round cable; connection 1: IDC/FLK socket strip (1x 14-position); connection 2: IDC/FLK socket strip (1x 14-position); cable length: 1 m

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Accessories

Cable - FLK 14/EZ-DR/HF/ 200/KONFEK - 2305981



Assembled, halogen-free round cable; connection 1: IDC/FLK socket strip (1x 14-position); connection 2: IDC/FLK socket strip (1x 14-position); cable length: 2 m

Cable - FLK 14/EZ-DR/HF/ 300/KONFEK - 2304759



Assembled, halogen-free round cable; connection 1: IDC/FLK socket strip (1x 14-position); connection 2: IDC/FLK socket strip (1x 14-position); cable length: 3 m

Cable - FLK 14/EZ-DR/HF/ 400/KONFEK - 2304762



Assembled, halogen-free round cable; connection 1: IDC/FLK socket strip (1x 14-position); connection 2: IDC/FLK socket strip (1x 14-position); cable length: 4 m

Cable - FLK 14/EZ-DR/HF/ 500/KONFEK - 2304717



Assembled, halogen-free round cable; connection 1: IDC/FLK socket strip (1x 14-position); connection 2: IDC/FLK socket strip (1x 14-position); cable length: 5 m

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