

Front adapters - FLKM 50-PA/SC/DIO/S7-1500 - 2907383

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VARIOFACE front adapter with screw connection, for SIMATIC® S7-1500 digital 35 mm modules, 1x 32 channels can be connected.

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	 4 055626 256542
GTIN	4055626256542

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	2 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	1
Number of positions	50
Pitch	2.54 mm

Connection data 2

Connection name	Supply
Connection method	Screw connection
Torque	0.4 Nm

Supported controller

Controller	SIEMENS S7-1500
- suitable I/O card	6ES7 521-1BL00-0AB0
	6ES7 522-1BL00-0AB0
	6ES7 522-1BL01-0AB0

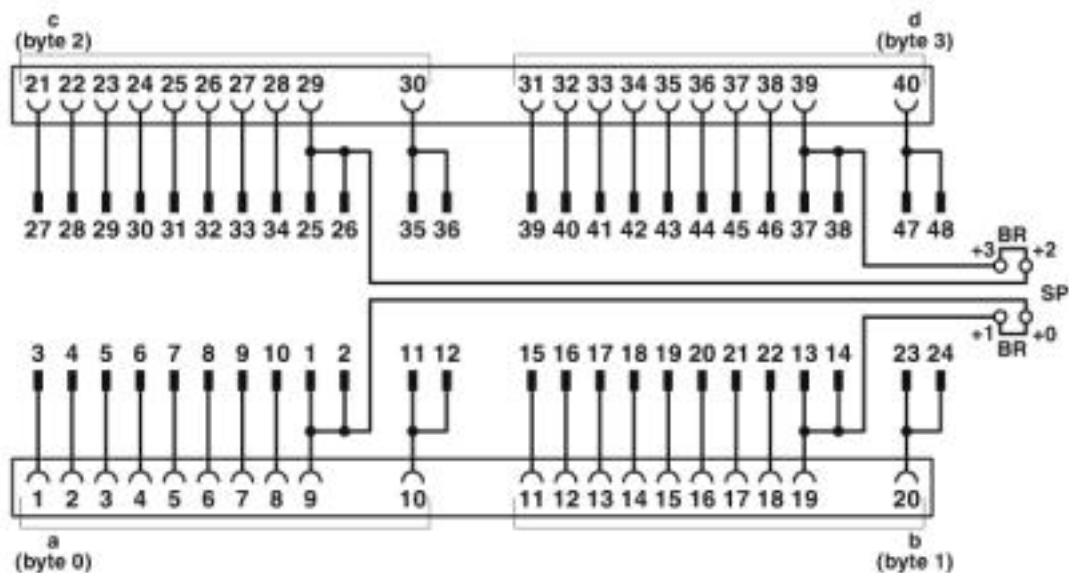
Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Front adapters - FLKM 50-PA/SC/DIO/S7-1500 - 2907383

Circuit diagram



Connection scheme for FLKM 50-PA/.../DIO/S7-1500

Classifications

eCI@ss

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

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

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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

cUL Listed



<http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm>

FILE E 238705

EAC



RU C-
DE.A*30.B00767

cULus Listed



Accessories

Accessories

Controller board

Passive module - VIP-2/SC/FLK50/PLC - 2315227



VARIOFACE interface module for 32 channels

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Accessories

Passive module - VIP-2/PT/FLK50/PLC - 2903803



VARIOFACE interface module, with push-in connection, for 32 channels

Passive module - VIP-2/SC/FLK50/LED/PLC - 2322252



VARIOFACE interface module, with LED, for 32 channels

Passive module - VIP-2/PT/FLK50/LED/PLC - 2904280



VARIOFACE interface module, with push-in connection and light indicator, for 32 channels

Passive module - FLKMS 50/32IM/LA/PLC - 2284510



VARIOFACE sensor module, for connecting 32 p-n-p sensors, with LED

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



VARIOFACE interface module for 8 channels

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Accessories

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



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

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

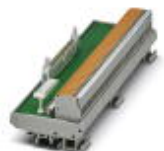
System connection - PLC-V8L/FLK14/OUT - 2299660



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

Interface module

Interface module - FLKM 50/KDS3-MT/PPA/S7-1500 - 2909893



VARIOFACE termination board for Siemens SIMATIC® S7-1500, with SIMATIC®-specific marking (1 - 40), knife disconnect terminal block, and test point

System cable

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Accessories

Cable - FLK 50/EZ-DR/ 100/KONFEK - 2289078



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 1 m

Cable - FLK 50/EZ-DR/ 200/KONFEK - 2289094



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 2 m

Cable - FLK 50/EZ-DR/ 300/KONFEK - 2289117



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 3 m

Cable - FLK 50/EZ-DR/ 400/KONFEK - 2289133



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 4 m

Cable - FLK 50/EZ-DR/ 500/KONFEK - 2289586



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 5 m

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Accessories

Cable - FLK 50/EZ-DR/ 100/KONFEK/S - 2299107



Assembled shielded round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position) (The braided shield is routed to a separate cable end.); cable length: 1 m

Cable - FLK 50/EZ-DR/ 200/KONFEK/S - 2299123



Assembled shielded round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position) (The braided shield is routed to a separate cable end.); cable length: 2 m

Cable - FLK 50/EZ-DR/ 300/KONFEK/S - 2299136



Assembled shielded round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position) (The braided shield is routed to a separate cable end.); cable length: 3 m

Cable - FLK 50/EZ-DR/ 400/KONFEK/S - 2299149



Assembled shielded round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position) (The braided shield is routed to a separate cable end.); cable length: 4 m

Cable - CABLE-FLK50/0,14/HF/ 1,0M - 2314147



Assembled, halogen-free round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 1 m

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Accessories

Cable - CABLE-FLK50/0,14/HF/ 2,0M - 2314163



Assembled, halogen-free round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 2 m

Cable - CABLE-FLK50/0,14/HF/ 3,0M - 2314189



Assembled, halogen-free round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 3 m

Cable - CABLE-FLK50/0,14/HF/ 4,0M - 2314192



Assembled, halogen-free round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 4 m

Cable - CABLE-FLK50/0,14/HF/ 5,0M - 2314202



Assembled, halogen-free round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 5 m

Cable - FLK 50/4X14/EZ-DR/ 100/KONFEK - 2296692



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (4x 14-position); cable length: 1 m

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Accessories

Cable - FLK 50/4X14/EZ-DR/ 200/KONFEK - 2296715



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (4x 14-position); cable length: 2 m

Cable - FLK 50/4X14/EZ-DR/ 300/KONFEK - 2296728



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (4x 14-position); cable length: 3 m

Cable - FLK 50/4X14/EZ-DR/ 400/KONFEK - 2296731



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (4x 14-position); cable length: 4 m

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