PHŒNIX CONTACT

Passive module - FLKM-KS40/YCS - 2314642

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Universal interface module with 1:1 connection between the 40-pos. system connection and the screw connection.

Your advantages

☑ For analog modules

☑ Universal interface module with 40 connection terminal blocks

Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4046356147057
Weight per Piece (excluding packing)	176.900 g
Custom tariff number	85369010
Country of origin	Germany
Note	Made to Order (non-returnable)

Technical data

Dimensions

Width	112 mm
Height	90 mm
Depth	66 mm

Ambient conditions

Ambient temperature (operation)	-20 °C ... 65 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Degree of protection	IP00

General

Nominal voltage U_N	< 25 V AC

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Technical data

General

	30 V DC
Max. perm. current (per branch)	1 A
Max. permissible current (separate power supply)	4 A
Number of positions	40
Status display	No
Mounting position	any
Assembly instructions	In rows with zero spacing

Connection data

Connection name	Field level
Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross section solid	0.2 mm² ... 4 mm²
Conductor cross section flexible	0.2 mm² ... 2.5 mm²
Conductor cross section AWG	24 ... 12

Connection data 2

Connection name	Controller level
Connection method	Yokogawa KS-compatible
Number of connections	1
Number of positions	40
Note	Usable system cables: Phoenix Contact YUC40, Yokogawa KS1
Torque	0.5 Nm

Supported controller

Controller	YOKOGAWA CS3000 CentumVP
- suitable I/O card	AAI543
	AAI141
	AAI143
	AAI835
	AAI841
	AAI135
	AAR181
	AAT141
	AAV141
	AAV142
	AAB841
	AAV542
Controller	YOKOGAWA STARDOM
- suitable I/O card	NFAI141
	NFAI43

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Technical data

Supported controller

	NFAI543
	NFAI135
	NFAP135
	NFAV141
	NFAV142
	NFAV542
	NFAB841
	NFAI841
	NFAI835

Standards and Regulations

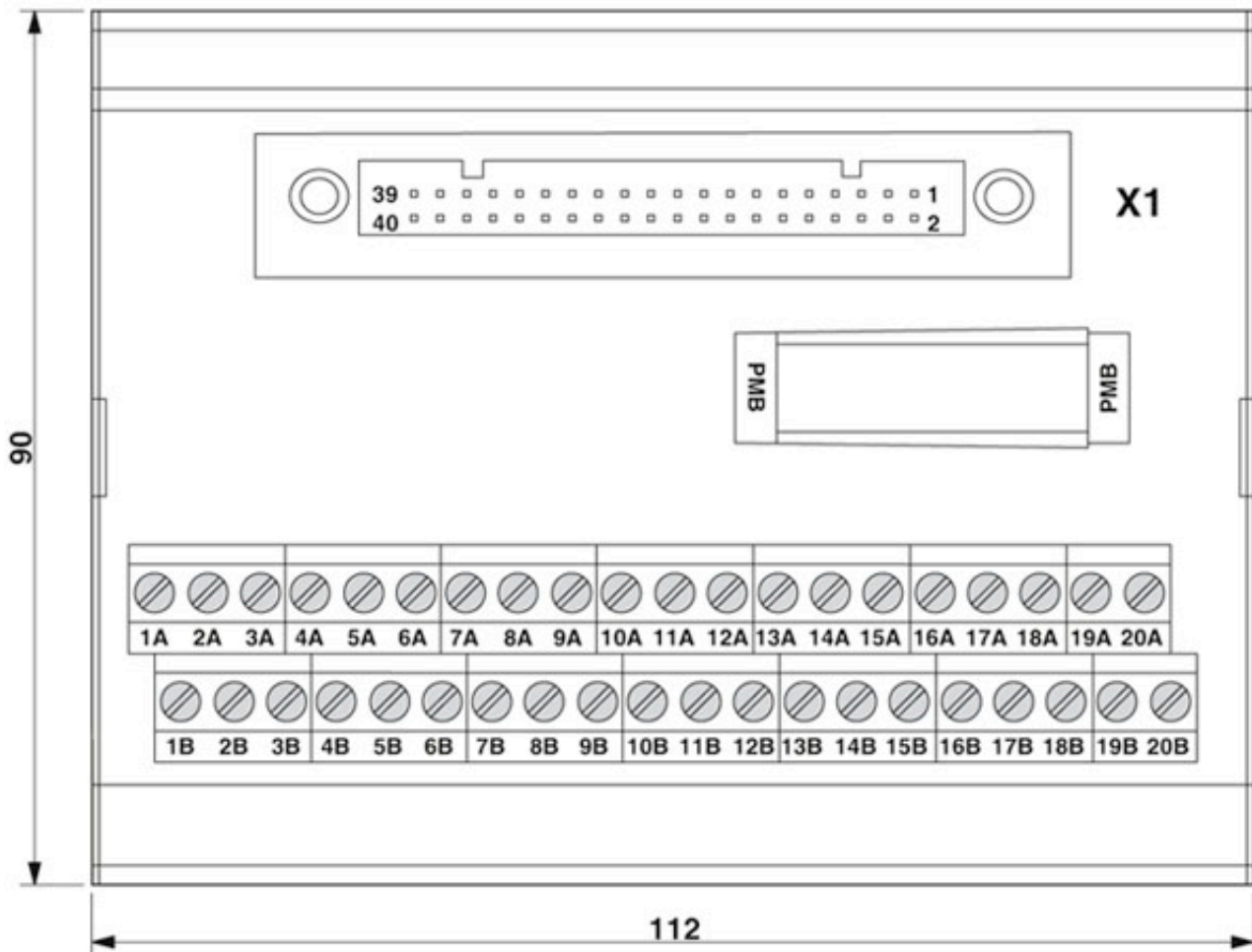| Standards/regulations	DIN EN 50178
	IEC 60664
Rated insulation voltage	50 V
Rated surge voltage	0.5 kV (Functional insulation)
Pollution degree	2
Overvoltage category	II

Environmental Product Compliance

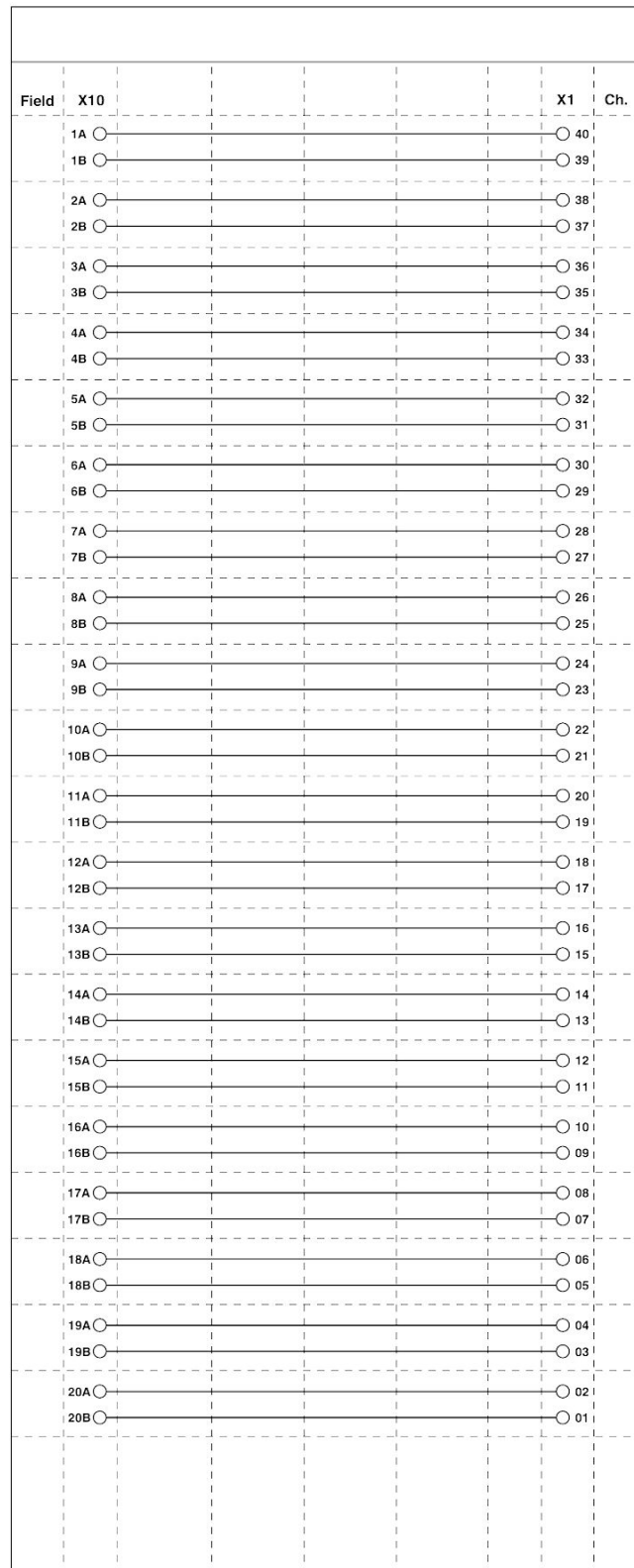| REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Passive module - FLKM-KS40/YCS - 2314642

Dimensional drawing

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Circuit diagram

Field	X10		X1	Ch.
	1A		40	
	1B		39	
	2A		38	
	2B		37	
	3A		36	
	3B		35	
	4A		34	
	4B		33	
	5A		32	
	5B		31	
	6A		30	
	6B		29	
	7A		28	
	7B		27	
	8A		26	
	8B		25	
	9A		24	
	9B		23	
	10A		22	
	10B		21	
	11A		20	
	11B		19	
	12A		18	
	12B		17	
	13A		16	
	13B		15	
	14A		14	
	14B		13	
	15A		12	
	15B		11	
	16A		10	
	16B		09	
	17A		08	
	17B		07	
	18A		06	
	18B		05	
	19A		04	
	19B		03	
	20A		02	
	20B		01	

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Classifications

eCl@ss

eCl@ss 4.0	27250300
eCl@ss 4.1	27250300
eCl@ss 5.0	27250300
eCl@ss 5.1	27250300
eCl@ss 6.0	27242600
eCl@ss 7.0	27141152
eCl@ss 8.0	27141152
eCl@ss 9.0	27141152

ETIM

ETIM 5.0	EC002780
ETIM 6.0	EC002780
ETIM 7.0	EC002780

UNSPSC

UNSPSC 6.01	30211824
UNSPSC 7.0901	39121421
UNSPSC 11	39121421
UNSPSC 12.01	39121421
UNSPSC 13.2	39121432
UNSPSC 18.0	39121432
UNSPSC 19.0	39121432
UNSPSC 20.0	39121432
UNSPSC 21.0	39121432

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC	EHC	RU C-DE.A*30.B.01742

Passive module - FLKM-KS40/YCS - 2314642

Accessories

Accessories

Front adapter

Front adapters - FLK 40-PA/EZ-DR/KS/ 100/YUC - 2322786

Cast front adapter with attached round cable and a 40-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 1.0 m

Front adapters - FLK 40-PA/EZ-DR/KS/ 200/YUC - 2314341

Cast front adapter with attached round cable and a 40-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 2.0 m

Front adapters - FLK 40-PA/EZ-DR/KS/ 300/YUC - 2314354

Cast front adapter with attached round cable and a 40-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 3.0 m

Front adapters - FLK 40-PA/EZ-DR/KS/ 400/YUC - 2314367

Cast front adapter with attached round cable and a 40-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 4.0 m

Front adapters - FLK 40-PA/EZ-DR/KS/ 500/YUC - 2321570

Cast front adapter with attached round cable and a 40-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 5.0 m

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Front adapters - FLK 40-PA/EZ-DR/KS/ 600/YUC - 2314943

Cast front adapter with attached round cable and a 40-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 6.0 m

Front adapters - FLK 40-PA/EZ-DR/KS/ 700/YUC - 2321583

Cast front adapter with attached round cable and a 40-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 7.0 m

Front adapters - FLK 40-PA/EZ-DR/KS/ 800/YUC - 2314956

Cast front adapter with attached round cable and a 40-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 8.0 m

Front adapters - FLK 40-PA/EZ-DR/KS/ 900/YUC - 2321415

Cast front adapter with attached round cable and a 40-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 9.0 m

Front adapters - FLK 40-PA/EZ-DR/KS/1000/YUC - 2314370

Cast front adapter with attached round cable and a 40-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 10.0 m

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Accessories

Front adapters - FLK 40-PA/EZ-DR/KS/1100/YUC - 2321428

Cast front adapter with attached round cable and a 40-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 11.0 m

Front adapters - FLK 40-PA/EZ-DR/KS/1200/YUC - 2321431

Cast front adapter with attached round cable and a 40-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 12.0 m

Front adapters - FLK 40-PA/EZ-DR/KS/1300/YUC - 2321444

Cast front adapter with attached round cable and a 40-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 13.0 m

Front adapters - FLK 40-PA/EZ-DR/KS/1400/YUC - 2321457

Cast front adapter with attached round cable and a 40-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 14.0 m

Front adapters - FLK 40-PA/EZ-DR/KS/1500/YUC - 2314383

Cast front adapter with attached round cable and a 40-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 15.0 m

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Front adapters - FLK 40-PA/EZ-DR/KS/1600/YUC - 2321596

Cast front adapter with attached round cable and a 40-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 16.0 m

Front adapters - FLK 40-PA/EZ-DR/KS/1700/YUC - 2321606

Cast front adapter with attached round cable and a 40-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 17.0 m

Front adapters - FLK 40-PA/EZ-DR/KS/1800/YUC - 2321619

Cast front adapter with attached round cable and a 40-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 18.0 m

Front adapters - FLK 40-PA/EZ-DR/KS/1900/YUC - 2321622

Cast front adapter with attached round cable and a 40-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 19.0 m

Front adapters - FLK 40-PA/EZ-DR/KS/2000/YUC - 2314532

Cast front adapter with attached round cable and a 40-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 20.0 m

Passive module - FLKM-KS40/YCS - 2314642

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Front adapters - FLK 40-PA/EZ-DR/KS/2500/YUC - 2314545

Cast front adapter with attached round cable and a 40-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 25.0 m

Front adapters - FLK 40-PA/EZ-DR/KS/3000/YUC - 2314558

Cast front adapter with attached round cable and a 40-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 30.0 m

Front adapters - FLK 40-PA/EZ-DR/KS/3500/YUC - 2901017

Cast front adapter with attached round cable and a 40-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 35.0 m

Front adapters - FLK 40-PA/EZ-DR/KS/4000/YUC - 2901052

Cast front adapter with attached round cable and a 40-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 40.0 m

Front adapters - FLK 40-PA/EZ-DR/KS/4500/YUC - 2902912

Cast front adapter with attached round cable and a 40-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 45.0 m

Passive module - FLKM-KS40/YCS - 2314642

Accessories

Front adapters - FLK 40-PA/EZ-DR/HF/KS/ 100/YUC - 2904747

Cast front adapter with attached, halogen-free round cable and a 40-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 1.0 m

Front adapters - FLK 40-PA/EZ-DR/HF/KS/ 200/YUC - 2904748

Cast front adapter with attached, halogen-free round cable and a 40-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 2.0 m

Front adapters - FLK 40-PA/EZ-DR/HF/KS/ 300/YUC - 2904749

Cast front adapter with attached, halogen-free round cable and a 40-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 3.0 m

Front adapters - FLK 40-PA/EZ-DR/HF/KS/ 400/YUC - 2904750

Cast front adapter with attached, halogen-free round cable and a 40-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 4.0 m

Front adapters - FLK 40-PA/EZ-DR/HF/KS/ 500/YUC - 2904645

Cast front adapter with attached, halogen-free round cable and a 40-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 5.0 m

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Front adapters - FLK 40-PA/EZ-DR/HF/KS/ 600/YUC - 2904751

Cast front adapter with attached, halogen-free round cable and a 40-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 60.0 m

Front adapters - FLK 40-PA/EZ-DR/HF/KS/ 700/YUC - 2904752

Cast front adapter with attached, halogen-free round cable and a 40-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 7.0 m

Front adapters - FLK 40-PA/EZ-DR/HF/KS/ 800/YUC - 2904753

Cast front adapter with attached, halogen-free round cable and a 40-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 8.0 m

Front adapters - FLK 40-PA/EZ-DR/HF/KS/ 900/YUC - 2904754

Cast front adapter with attached, halogen-free round cable and a 40-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 9.0 m

Front adapters - FLK 40-PA/EZ-DR/HF/KS/1000/YUC - 2904646

Cast front adapter with attached, halogen-free round cable and a 40-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 10.0 m

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Front adapters - FLK 40-PA/EZ-DR/HF/KS/1500/YUC - 2904647

Cast front adapter with attached, halogen-free round cable and a 40-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 15.0 m

Front adapters - FLK 40-PA/EZ-DR/HF/KS/2000/YUC - 2904488

Cast front adapter with attached, halogen-free round cable and a 40-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 20.0 m

Front adapters - FLK 40-PA/EZ-DR/HF/KS/2500/YUC - 2904648

Cast front adapter with attached, halogen-free round cable and a 40-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 25.0 m

Front adapters - FLK 40-PA/EZ-DR/HF/KS/3000/YUC - 2904649

Cast front adapter with attached, halogen-free round cable and a 40-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 30.0 m

Front adapters - FLK 40-PA/EZ-DR/HF/KS/3500/YUC - 2904650

Cast front adapter with attached, halogen-free round cable and a 40-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 35.0 m

Passive module - FLKM-KS40/YCS - 2314642

Accessories

Front adapters - FLK 40-PA/EZ-DR/HF/KS/4000/YUC - 2904651

Cast front adapter with attached, halogen-free round cable and a 40-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 40.0 m

Front adapters - FLK 40-PA/EZ-DR/HF/KS/4500/YUC - 2904652

Cast front adapter with attached, halogen-free round cable and a 40-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 45.0 m

Front adapters - FLK 40-PA/EZ-DR/HF/KS/5000/YUC - 2904653

Cast front adapter with attached, halogen-free round cable and a 40-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 50.0 m