2900958

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PHŒNIX CONTACT

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Relay base RIF-0..., for miniature power relay with 1 changeover contact or solid-state relays of the same design, Push-in connection, for mounting on NS 35/7,5

Commercial Data

Item number	2900958
Packing unit	10 pc
Minimum order quantity	10 pc
Sales Key	CK6
Product Key	CK6521
Catalog Page	Page 282 (C-5-2019)
GTIN	4046356733014
Weight per Piece (including packing)	21.45 g
Weight per Piece (excluding packing)	20 g
Customs tariff number	85366990
Country of origin	CN

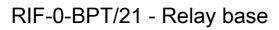
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Technical Data

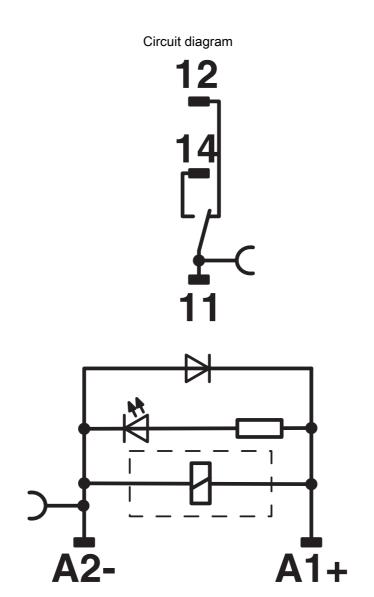
Product properties	
Product family	RIFLINE complete
Electrical properties	
Nominal voltage U _N	250 V AC/DC (Contact side)
Nominal current I _N	max. 8 A (Depends on application/assembly)
Protective circuit	Freewheeling diode
Input data	
Input voltage range	12 V DC 24 V DC
Connection data	
Connection method	Push-in connection
Stripping length	8 mm
Conductor cross section rigid	0.14 mm ² 1.5 mm ²
Conductor cross section flexible	0.14 mm ² 1.5 mm ²
	0.14 mm ² 1.5 mm ² (Ferrule with plastic sleeve)
Conductor cross section AWG	24 16
Dimensions	
Width	6.2 mm
Height	93 mm
Depth	78 mm
Material specifications	
Flammability rating according to UL 94	V2 (Housing)
Environmental and real-life conditions	
Ambient conditions	
Ambient temperature (operation)	-40 °C 85 °C (Depends on application/assembly)
Ambient temperature (storage/transport)	-40 °C 85 °C
Approvals	
Corrosive gas test	
Identification	ISA-S71.04. G3 Harsh Group
	EN 60068-2-60
Mounting	
Mounting type	DIN rail mounting
Mounting position	any



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Drawings



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Appro	ovals
(1)	CSA Approval ID: 76787
91	UL Recognized Approval ID: FILE E 113228
ERC	EAC Approval ID: RU D-DE.B*00573/18
	DNV GL Approval ID: TAA000018V
	DNV GL Approval ID: TAA000018V

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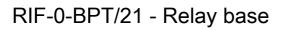
Classifications

ECLASS

ECLASS-11.0	27371603
ECLASS-12.0	27371603
ECLASS-13.0	27371603

ETIM

	ETIM 8.0	EC001456		
UN	UNSPSC			
	UNSPSC 21.0	39122300		



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Environmental Product Compliance

REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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Accessories

REL-MR- 12DC/21 - Single relay

2961150 https://www.phoenixcontact.com/in/products/2961150



Plug-in miniature power relay, with power contact, 1 changeover contact, input voltage 12 V DC $\,$

REL-MR- 24DC/21 - Single relay

2961105

https://www.phoenixcontact.com/in/products/2961105



Plug-in miniature power relay, with power contact, 1 changeover contact, input voltage 24 V DC $\,$

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REL-MR- 12DC/21AU - Single relay

2961163

https://www.phoenixcontact.com/in/products/2961163



Plug-in miniature power relay, with multi-layer gold contact, 1 changeover contact, input voltage 12 V DC

REL-MR- 24DC/21AU - Single relay

2961121 https://www.phoenixcontact.com/in/products/2961121



Plug-in miniature power relay, with multi-layer gold contact, 1 changeover contact, input voltage 24 V DC

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OPT-24DC/ 24DC/ 2 - Miniature solid-state relay

2966595

https://www.phoenixcontact.com/in/products/2966595



Plug-in miniature solid-state relay, power solid-state relay, 1 N/O contact, input: 24 V DC, output: 3 ... 33 V DC/3 A

OPT-24DC/ 48DC/100 - Miniature solid-state relay

2966618

https://www.phoenixcontact.com/in/products/2966618



Plug-in miniature solid-state relay, input solid-state relay, 1 N/O contact, input: 24 V DC, output: 3 - 48 V DC/100 mA

2900958 https://www.phoenixcontact.com/in/products/2900958



OPT-24DC/230AC/ 1 - Miniature solid-state relay

2967950

https://www.phoenixcontact.com/in/products/2967950



Plug-in miniature solid-state relay, power solid-state relay, 1 N/O contact, input: 24 V DC, output: 24 - 253 V AC/0.75 A

FBS 2-6 - Plug-in bridge

3030336 https://www.phoenixcontact.com/in/products/3030336



Plug-in bridge, pitch: 6.2 mm, number of positions: 2, color: red

2900958

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FBS 3-6 - Plug-in bridge

3030242

https://www.phoenixcontact.com/in/products/3030242



Plug-in bridge, pitch: 6.2 mm, number of positions: 3, color: red

FBS 4-6 - Plug-in bridge

3030255 https://www.phoenixcontact.com/in/products/3030255



Plug-in bridge, pitch: 6.2 mm, number of positions: 4, color: red

2900958

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FBS 5-6 - Plug-in bridge

3030349

https://www.phoenixcontact.com/in/products/3030349



Plug-in bridge, pitch: 6.2 mm, number of positions: 5, color: red

FBS 10-6 - Plug-in bridge

3030271 https://www.phoenixcontact.com/in/products/3030271



Plug-in bridge, pitch: 6.2 mm, number of positions: 10, color: red

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FBS 20-6 - Plug-in bridge

3030365

https://www.phoenixcontact.com/in/products/3030365



Plug-in bridge, pitch: 6.2 mm, number of positions: 20, color: red

FBS 50-6 - Plug-in bridge

3032224 https://www.phoenixcontact.com/in/products/3032224



Plug-in bridge, pitch: 6.2 mm, number of positions: 50, color: red

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FBS 2-6 BU - Plug-in bridge

3036932

https://www.phoenixcontact.com/in/products/3036932



Plug-in bridge, pitch: 6.2 mm, number of positions: 2, color: blue

FBS 3-6 BU - Plug-in bridge

3036945 https://www.phoenixcontact.com/in/products/3036945



Plug-in bridge, pitch: 6.2 mm, number of positions: 3, color: blue

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FBS 4-6 BU - Plug-in bridge

3036958

https://www.phoenixcontact.com/in/products/3036958



Plug-in bridge, pitch: 6.2 mm, number of positions: 4, color: blue

FBS 5-6 BU - Plug-in bridge

3036961 https://www.phoenixcontact.com/in/products/3036961



Plug-in bridge, pitch: 6.2 mm, number of positions: 5, color: blue

2900958 https://www.phoenixcontact.com/in/products/2900958



FBS 10-6 BU - Plug-in bridge

3032198

https://www.phoenixcontact.com/in/products/3032198



Plug-in bridge, pitch: 6.2 mm, number of positions: 10, color: blue

FBS 20-6 BU - Plug-in bridge

3032208 https://www.phoenixcontact.com/in/products/3032208



Plug-in bridge, pitch: 6.2 mm, number of positions: 20, color: blue

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FBS 50-6 BU - Plug-in bridge

3032211

https://www.phoenixcontact.com/in/products/3032211



Plug-in bridge, pitch: 6.2 mm, number of positions: 50, color: blue

FBS 2-6 GY - Plug-in bridge

3032237 https://www.phoenixcontact.com/in/products/3032237



Plug-in bridge, pitch: 6.2 mm, number of positions: 2, color: gray

2900958 https://www.phoenixcontact.com/in/products/2900958



FBS 3-6 GY - Plug-in bridge

3032240

https://www.phoenixcontact.com/in/products/3032240



Plug-in bridge, pitch: 6.2 mm, number of positions: 3, color: gray

FBS 4-6 GY - Plug-in bridge

3032279 https://www.phoenixcontact.com/in/products/3032279



Plug-in bridge, pitch: 6.2 mm, number of positions: 4, color: gray

2900958 https://www.phoenixcontact.com/in/products/2900958



FBS 5-6 GY - Plug-in bridge

3032266

https://www.phoenixcontact.com/in/products/3032266



Plug-in bridge, pitch: 6.2 mm, number of positions: 5, color: gray

FBS 10-6 GY - Plug-in bridge

3032253 https://www.phoenixcontact.com/in/products/3032253



Plug-in bridge, pitch: 6.2 mm, number of positions: 10, color: gray

2900958 https://www.phoenixcontact.com/in/products/2900958



PLC-FA-5X20 - Fuse adapter

1186510

https://www.phoenixcontact.com/in/products/1186510



Safety plug adapter for use on a 6.2 mm PLC basic terminal block. For 5×20 mm fuses. Operating voltage: Universal. Without fuse failure indication.

PLC-FA-I-5X20-12-24UC - Fuse adapter

1186499 https://www.phoenixcontact.com/in/products/1186499



Safety plug adapter for use on a 6.2 mm PLC basic terminal block. For 5 x 20 mm fuses. Operating voltage: 12 ... 24 V AC/DC. With LED for fuse failure indication.

2900958 https://www.phoenixcontact.com/in/products/2900958



PLC-FA-I-5X20-120-230UC - Fuse adapter

1186508

https://www.phoenixcontact.com/in/products/1186508



Safety plug adapter for use on a 6.2 mm PLC basic terminal block. For 5 x 20 mm fuses. Operating voltage: 120 ... 230 V AC/DC. With LED for fuse failure indication.

NS 35/7,5 PERF 2000MM - DIN rail perforated

0801733 https://www.phoenixcontact.com/in/products/0801733



DIN rail perforated, acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver, Pack of 25 (50 m)

2900958 https://www.phoenixcontact.com/in/products/2900958



NS 35/ 7,5 UNPERF 2000MM - DIN rail, unperforated

0801681

https://www.phoenixcontact.com/in/products/0801681



DIN rail, unperforated, acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver, Pack of 25 (50 m)

NS 35/7,5 WH PERF 2000MM - DIN rail perforated

1204119 https://www.phoenixcontact.com/in/products/1204119



DIN rail perforated, acc. to EN 60715, material: Steel, Galvanized, white passivated, Standard profile, color: silver, Pack of 25 (50 m)

2900958 https://www.phoenixcontact.com/in/products/2900958



NS 35/7,5 WH UNPERF 2000MM-VPE 10 - DIN rail, unperforated

1204122

https://www.phoenixcontact.com/in/products/1204122



DIN rail, unperforated, acc. to EN 60715, material: Steel, Galvanized, white passivated, Standard profile, color: silver, Pack of 10 (20 m) $\,$

NS 35/7,5 AL UNPERF 2000MM - DIN rail, unperforated

0801704

https://www.phoenixcontact.com/in/products/0801704



DIN rail, unperforated, acc. to EN 60715, material: Aluminum, uncoated, Standard profile, color: silver, Pack of 25 (50 m)

2900958 https://www.phoenixcontact.com/in/products/2900958



NS 35/ 7,5 ZN PERF 2000MM - DIN rail perforated

1206421

https://www.phoenixcontact.com/in/products/1206421



DIN rail perforated, acc. to EN 60715, material: Steel, galvanized, Standard profile, color: silver, Pack of 25 (50 m)

NS 35/7,5 ZN UNPERF 2000MM - DIN rail, unperforated

1206434

https://www.phoenixcontact.com/in/products/1206434



DIN rail, unperforated, acc. to EN 60715, material: Steel, galvanized, Standard profile, color: silver, Pack of 25 (50 m)

2900958 https://www.phoenixcontact.com/in/products/2900958



NS 35/7,5 CU UNPERF 2000MM-VPE 10 - DIN rail, unperforated

0801762

https://www.phoenixcontact.com/in/products/0801762



DIN rail, unperforated, acc. to EN 60715, material: Copper, uncoated, Standard profile, color: copper-colored, Pack of 10 (20 m)

NS 35/ 7,5 CAP - End cap

1206560 https://www.phoenixcontact.com/in/products/1206560

DIN rail end piece, for DIN rail NS 35/7.5



2900958 https://www.phoenixcontact.com/in/products/2900958



NS 35/15 PERF 2000MM - DIN rail perforated

1201730

https://www.phoenixcontact.com/in/products/1201730



DIN rail perforated, similar to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver, Pack of 25 (50 m)

NS 35/15 UNPERF 2000MM - DIN rail, unperforated

1201714

https://www.phoenixcontact.com/in/products/1201714



DIN rail, unperforated, similar to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver, Pack of 25 (50 m)

2900958 https://www.phoenixcontact.com/in/products/2900958



NS 35/15 WH PERF 2000MM - DIN rail perforated

0806602

https://www.phoenixcontact.com/in/products/0806602



DIN rail perforated, similar to EN 60715, material: Steel, Galvanized, white passivated, Standard profile, color: white, Pack of 25 (50 m)

NS 35/15 WH UNPERF 2000MM-VPE 10 - DIN rail, unperforated

1204135

https://www.phoenixcontact.com/in/products/1204135



DIN rail, unperforated, similar to EN 60715, material: Steel, Galvanized, white passivated, Standard profile, color: silver, Pack of 10 (20 m)

2900958 https://www.phoenixcontact.com/in/products/2900958



NS 35/15 AL UNPERF 2000MM - DIN rail, unperforated

1201756

https://www.phoenixcontact.com/in/products/1201756



DIN rail, unperforated, similar to EN 60715, material: Aluminum, uncoated, Standard profile, color: silver

NS 35/15 ZN PERF 2000MM - DIN rail perforated

1206599

https://www.phoenixcontact.com/in/products/1206599



DIN rail perforated, similar to EN 60715, material: Steel, galvanized, Standard profile, color: silver, Pack of 25 (50 m)

2900958 https://www.phoenixcontact.com/in/products/2900958



NS 35/15 ZN UNPERF 2000MM - DIN rail, unperforated

1206586

https://www.phoenixcontact.com/in/products/1206586



DIN rail, unperforated, similar to EN 60715, material: Steel, galvanized, Standard profile, color: silver, Pack of 25 (50 m)

NS 35/15 CU UNPERF 2000MM-VPE 10 - DIN rail, unperforated

1201895

https://www.phoenixcontact.com/in/products/1201895



DIN rail, unperforated, similar to EN 60715, material: Copper, uncoated, Standard profile, color: copper-colored, Pack of 10 (20 m)

2900958 https://www.phoenixcontact.com/in/products/2900958



NS 35/15 CAP - End cap

1206573 https://www.phoenixcontact.com/in/products/1206573

DIN rail end piece, for DIN rail NS 35/15



NS 35/15-2,3 UNPERF 2000MM-VPE 10 - DIN rail, unperforated

1201798

https://www.phoenixcontact.com/in/products/1201798



DIN rail, unperforated, acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile 2.3 mm, color: silver, Pack of 10 (20 m)

2900958

https://www.phoenixcontact.com/in/products/2900958



CLIPFIX 35 - End clamp

3022218

https://www.phoenixcontact.com/in/products/3022218

Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, width: 9.5 mm, color: gray



CLIPFIX 35-5 - End clamp

3022276 https://www.phoenixcontact.com/in/products/3022276



Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, with parking option for FBS...5, FBS...6, KSS 5, KSS 6, width: 5. 15 mm, color: gray

2900958

https://www.phoenixcontact.com/in/products/2900958



E/NS 35 N - End clamp

0800886

https://www.phoenixcontact.com/in/products/0800886

End clamp, width: 9.5 mm, color: gray



MPS-MT - Test plugs

0201744 https://www.phoenixcontact.com/in/products/0201744



Test plugs, with solder connection up to 1 \rm{mm}^2 conductor cross section, number of positions: 1, fuse type: , mounting type: , , , color: gray

2900958

https://www.phoenixcontact.com/in/products/2900958



MPS-IH WH - Insulating sleeve

0201663

https://www.phoenixcontact.com/in/products/0201663

Insulating sleeve, fuse type: , mounting type: , , , color: white



MPS-IH RD - Insulating sleeve

0201676 https://www.phoenixcontact.com/in/products/0201676

Insulating sleeve, fuse type: , mounting type: , , , color: red



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MPS-IH BU - Insulating sleeve

0201689

https://www.phoenixcontact.com/in/products/0201689

Insulating sleeve, fuse type: , mounting type: , , , color: blue



MPS-IH YE - Insulating sleeve

0201692 https://www.phoenixcontact.com/in/products/0201692

Insulating sleeve, fuse type: , mounting type: , , , color: yellow



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MPS-IH GN - Insulating sleeve

0201702

https://www.phoenixcontact.com/in/products/0201702

Insulating sleeve, fuse type: , mounting type: , , , color: green



MPS-IH GY - Insulating sleeve

0201728 https://www.phoenixcontact.com/in/products/0201728

Insulating sleeve, fuse type: , mounting type: , , , color: gray



2900958 https://www.phoenixcontact.com/in/products/2900958



MPS-IH BK - Insulating sleeve

0201731

https://www.phoenixcontact.com/in/products/0201731

Insulating sleeve, fuse type: , mounting type: , , , color: black



ZB 6:UNBEDRUCKT - Zack marker strip

1051003 https://www.phoenixcontact.com/in/products/1051003



Zack marker strip, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: $6.15 \times 10.5 \text{ mm}$, Number of individual labels: 10 mm

2900958 https://www.phoenixcontact.com/in/products/2900958



ZB 6 CUS - Zack marker strip

0824992

https://www.phoenixcontact.com/in/products/0824992



Zack marker strip, can be ordered: Strip, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 6.2 mm, lettering field size: 6.15×10.5 mm, Number of individual labels: 10

ZB 6,LGS:FORTL.ZAHLEN - Zack marker strip

1051016 https://www.phoenixcontact.com/in/products/1051016



Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, printed horizontally: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 491 ... 500, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 6. 15 x 10.5 mm, Number of individual labels: 10

2900958 https://www.phoenixcontact.com/in/products/2900958



ZB 6,QR:FORTL.ZAHLEN - Zack marker strip

1051029

https://www.phoenixcontact.com/in/products/1051029



Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, Printed vertically: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 491 ... 500, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 6. 15 x 10.5 mm, Number of individual labels: 10

ZB 6,LGS:GLEICHE ZAHLEN - Zack marker strip

1051032 https://www.phoenixcontact.com/in/products/1051032



Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, printed horizontally: Identical numbers 1 or 2, etc. up to 100, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 6.15 x 10.5 mm, Number of individual labels: 10

2900958 https://www.phoenixcontact.com/in/products/2900958



ZB 6,LGS:L1-N,PE - Marker for terminal blocks

1051414

https://www.phoenixcontact.com/in/products/1051414



Marker for terminal blocks, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, horizontal: L1, L2, L3, N, PE, L1, L2, L3, N, PE, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 6.15 x 10.5 mm, Number of individual labels: 10

ZB 6,LGS:U-N - Marker for terminal blocks

1051430 https://www.phoenixcontact.com/in/products/1051430



Marker for terminal blocks, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, printed horizontally: U, V, W, N, GND, U, V, W, N, GND, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 6.15 x 10. 5 mm, Number of individual labels: 10

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UC-TM 6 - Marker for terminal blocks

0818085

https://www.phoenixcontact.com/in/products/0818085



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 5.6 x 10.5 mm, Number of individual labels: 80

UC-TM 6 CUS - Marker for terminal blocks

0824589

https://www.phoenixcontact.com/in/products/0824589



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 6.2 mm, lettering field size: 5.6 x 10.5 mm, Number of individual labels: 80

2900958 https://www.phoenixcontact.com/in/products/2900958



UCT-TM 6 - Marker for terminal blocks

0828736

https://www.phoenixcontact.com/in/products/0828736



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 5.6 x 10.5 mm, Number of individual labels: 60

UCT-TM 6 CUS - Marker for terminal blocks

0829602

https://www.phoenixcontact.com/in/products/0829602



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 6.2 mm, lettering field size: 5.6 x 10.5 mm, Number of individual labels: 60

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PHOENIX CONTACT (I) Pvt. Ltd. A-58/2, Okhla Industrial Area, Phase - II, New Delhi-110 020

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