

# Fuse modular terminal block - PT 4-HESI (5X20) - 3211861

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Fuse modular terminal block, Connection method: Push-in connection, Cross section: 0.2 mm<sup>2</sup>- 6 mm<sup>2</sup>, AWG: 24 - 10, Nominal current: 6.3 A, Nominal voltage: 500 V, Width: 6.2 mm, Fuse type: G / 5 x 20, Fuse type: Glass, Mounting type: NS 35/7,5, NS 35/15, Color: black

## Product Features

- The Push-in connection terminal blocks are characterized by the system features of the CLIPLINE complete system and by easy and tool-free wiring of conductors with ferrules or solid conductors
- The compact design and front connection enable wiring in a confined space
- In addition to the testing facility in the double function shaft, all terminal blocks provide an additional test connection
- Tested for railway applications

## Key commercial data

package_quantity	50
GTIN	4046356482516

## Technical data

### General

Note	The current is determined by the fuse used, the voltage by the light indicator.
Number of levels	1
Number of connections	2
Color	black
Insulating material	PA
Inflammability class according to UL 94	V0
Area of application	Railway industry
Area of application	Mechanical engineering
Area of application	Plant engineering

### General

Fuse	G / 5 x 20
Fuse type	Glass
Rated surge voltage	6 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-3
Nominal current I <sub>N</sub>	6.3 A

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## Technical data

### General

Nominal voltage $U_N$	500 V
Power loss	max. 1.6 W (With single arrangement of the fuse terminal block in the event of overload)
Power loss	max. 1.6 W (With interconnected arrangement of several fuse terminal blocks in the event of overload)
Power loss	max. 4 W (With single arrangement of the fuse terminal block in the event of a short-circuit)
Power loss	max. 2.5 W (With interconnected arrangement of several fuse terminal blocks in the event of a short-circuit)
Open side panel	ja
Shock protection test specification	DIN EN 50274 (VDE 0660-514):2002-11
Back of the hand protection	guaranteed
Finger protection	guaranteed
Test specification, oscillation, broadband noise	DIN EN 50155 (VDE 0115-200):2008-03
Test spectrum	Service life test category 1, class B, body mounted
Test frequency	$f_1 = 5 \text{ Hz}$ to $f_2 = 150 \text{ Hz}$
ASD level	$1.857 \text{ (m/s}^2\text{)}^2\text{/Hz}$
Acceleration	0.8 g
Test duration per axis	5 h
Test directions	X-, Y- and Z-axis
Oscillation, broadband noise test result	Test passed
Test specification, shock test	DIN EN 50155 (VDE 0115-200):2008-03
Shock form	Half-sine
Acceleration	5 g
Shock duration	30 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)
Shock test result	Test passed
Temperature index, insulating material (DIN EN 60216-1 (VDE 0304-21))	130 °C
Static insulating material application in cold	-60 °C

### Dimensions

Width	6.2 mm
Length	56 mm
Height NS 35/7,5	62.5 mm
Height NS 35/15	70 mm

### Connection data

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	6 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	4 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24

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## Technical data

### Connection data

Conductor cross section AWG/kcmil max	10
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	4 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	4 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1 mm <sup>2</sup>
Connection method	Push-in connection
Minimum stripping length	10 mm
Maximum stripping length	12 mm
Internal cylindrical gage	A4

## classifications

### eCl@ss

eCl@ss 4.0	27141116
eCl@ss 4.1	27141116
eCl@ss 5.0	27141116
eCl@ss 5.1	27141116
eCl@ss 6.0	27141116
eCl@ss 7.0	27141116
eCl@ss 8.0	27141116

### ETIM

ETIM 2.0	EC000897
ETIM 3.0	EC000899
ETIM 4.0	EC000899
ETIM 5.0	EC000899

### UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

## approvals

# Fuse modular terminal block - PT 4-HESI (5X20) - 3211861

## approvals

### Approval details

<b>UL Recognized</b>		
Usegroups	B	C
Nominal voltage UN	300 V	300 V
Nominal current IN	6.3 A	6.3 A
mm <sup>2</sup> /AWG/kcmil	24-10	24-10

<b>cUL Recognized</b>		
Usegroups	B	C
Nominal voltage UN	300 V	300 V
Nominal current IN	6.3 A	6.3 A
mm <sup>2</sup> /AWG/kcmil	24-10	24-10

<b>GOST</b>
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<b>GL</b>
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<b>CSA</b>		
Usegroups	B	C
Nominal voltage UN	300 V	300 V
Nominal current IN	6.3 A	6.3 A
mm <sup>2</sup> /AWG/kcmil	24-10	24-10

<b>LR</b>
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<b>NK</b>
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# Fuse modular terminal block - PT 4-HESI (5X20) - 3211861

approvals

cULus Recognized  US

accessories

## End cover

D-ST 4 - 3030420



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## Partition plate

ATP-ST 4 - 3030721



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## Screwdriver tools

SZF 1-0,6X3,5 - 1204517



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## Marker carriers

CARRIER-TM 300 - 0828282



# Fuse modular terminal block - PT 4-HESI (5X20) - 3211861

accessories

## Bridge

VS - 3004207



FBS 2-6 - 3030336



FBS 3-6 - 3030242



FBS 4-6 - 3030255



FBS 5-6 - 3030349



## Fuse modular terminal block - PT 4-HESI (5X20) - 3211861

### accessories

FBS 10-6 - 3030271



FBS 20-6 - 3030365



RB ST (2,5/4)-1,5/S - 3214356



FBSR 2-6 - 3033715



FBSR 3-6 - 3001594



FBSR 4-6 - 3001595



# Fuse modular terminal block - PT 4-HESI (5X20) - 3211861

accessories

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FBSR 5-6 - 3001596



FBSR 10-6 - 3033716



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## Male insert

DMET 5X20 - 3032075



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## Documentation

PT-IL - 3208090



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## Mounting rail

NS 35/ 7,5 PERF 2000MM - 0801733





## Fuse modular terminal block - PT 4-HESI (5X20) - 3211861

### accessories

NS 35/ 7,5 UNPERF 2000MM - 0801681



NS 35/ 7,5 WH PERF 2000MM - 1204119



NS 35/ 7,5 WH UNPERF 2000MM - 1204122



NS 35/ 7,5 AL UNPERF 2000MM - 0801704



NS 35/ 7,5 ZN PERF 2000MM - 1206421



NS 35/ 7,5 ZN UNPERF 2000MM - 1206434



## Fuse modular terminal block - PT 4-HESI (5X20) - 3211861

accessories

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NS 35/ 7,5 CU UNPERF 2000MM - 0801762



NS 35/ 7,5 CAP - 1206560



NS 35/15 PERF 2000MM - 1201730



NS 35/15 UNPERF 2000MM - 1201714



NS 35/15 WH PERF 2000MM - 0806602



## Fuse modular terminal block - PT 4-HESI (5X20) - 3211861

### accessories

NS 35/15 WH UNPERF 2000MM - 1204135



NS 35/15 AL UNPERF 2000MM - 1201756



NS 35/15 ZN PERF 2000MM - 1206599



NS 35/15 ZN UNPERF 2000MM - 1206586



NS 35/15 CU UNPERF 2000MM - 1201895



NS 35/15 CAP - 1206573



# Fuse modular terminal block - PT 4-HESI (5X20) - 3211861

accessories

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NS 35/15-2,3 UNPERF 2000MM - 1201798



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## Terminal marking

ZB 5 :UNBEDRUCKT - 1050004



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UC-TM 5 - 0818108



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UCT-TM 5 - 0828734



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ZBF 5:UNBEDRUCKT - 0808642



## Fuse modular terminal block - PT 4-HESI (5X20) - 3211861

### accessories

UC-TMF 5 - 0818153



UCT-TMF 5 - 0828744



ZB 6:UNBEDRUCKT - 1051003



UC-TM 6 - 0818085



UCT-TM 6 - 0828736



ZBF 6:UNBEDRUCKT - 0808710



## Fuse modular terminal block - PT 4-HESI (5X20) - 3211861

### accessories

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UC-TMF 6 - 0818140



UCT-TMF 6 - 0828746



TMT 6 R - 0816498



TMT (EX9,5)R - 0828295



### Labeled terminal marker

ZB 5 CUS - 0824962



# Fuse modular terminal block - PT 4-HESI (5X20) - 3211861

## accessories

ZB 5,LGS:FORTL.ZAHLEN - 1050017



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ZB 5,QR:FORTL.ZAHLEN - 1050020



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ZB 5,LGS:GLEICHE ZAHLEN - 1050033



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ZB 5,LGS:L1-N,PE - 1050415



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UC-TM 5 CUS - 0824581



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UCT-TM 5 CUS - 0829595



# Fuse modular terminal block - PT 4-HESI (5X20) - 3211861

## accessories

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ZBF 5 CUS - 0825025



ZBF 5,LGS:FORTL.ZAHLEN - 0808671



ZBF 5,QR:FORTL.ZAHLEN - 0808697



ZBF 5,LGS:GERADE ZAHLEN - 0810821



ZBF 5,LGS:UNGERADE ZAHLEN - 0810863





## Fuse modular terminal block - PT 4-HESI (5X20) - 3211861

### accessories

UC-TMF 5 CUS - 0824638



UCT-TMF 5 CUS - 0829658



ZB 6 CUS - 0824992



ZB 6,LGS:FORTL.ZAHLEN - 1051016



ZB 6,QR:FORTL.ZAHLEN - 1051029



ZB 6,LGS:GLEICHE ZAHLEN - 1051032



## Fuse modular terminal block - PT 4-HESI (5X20) - 3211861

accessories

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ZB 6,LGS:L1-N,PE - 1051414



ZB 6,LGS:U-N - 1051430



UC-TM 6 CUS - 0824589



UCT-TM 6 CUS - 0829602



ZBF 6 CUS - 0825027



## Fuse modular terminal block - PT 4-HESI (5X20) - 3211861

### accessories

UC-TMF 6 CUS - 0824646



UCT-TMF 6 CUS - 0829665



ZBF 6,LGS:FORTL.ZAHLEN - 0808749



ZBF 6,QR:FORTL.ZAHLEN - 0808765



ZBF 6,LGS:GERADE ZAHLEN - 0810834



ZBF 6,LGS:UNGERADE ZAHLEN - 0810876



# Fuse modular terminal block - PT 4-HESI (5X20) - 3211861

accessories

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TMT 6 R CUS - 0824488



## Insulating sleeve

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ISH 4/0,5 - 3002885



ISH 4/1,0 - 3002898



## Planning and marking software

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CLIP-PROJECT ADVANCED - 5146040



CLIP-PROJECT PROFESSIONAL - 5146053



## End block

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## Fuse modular terminal block - PT 4-HESI (5X20) - 3211861

### accessories

CLIPFIX 35 - 3022218



CLIPFIX 35-5 - 3022276



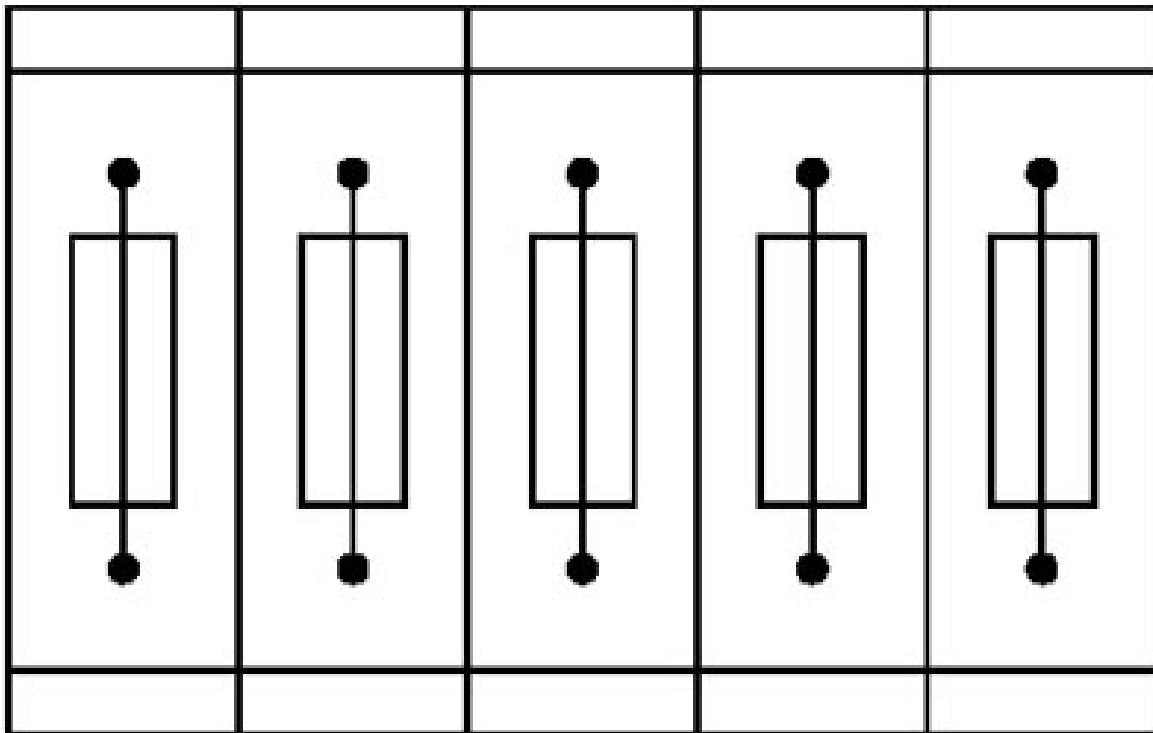
E/NS 35 N - 0800886



### Drawings

# Fuse modular terminal block - PT 4-HESI (5X20) - 3211861

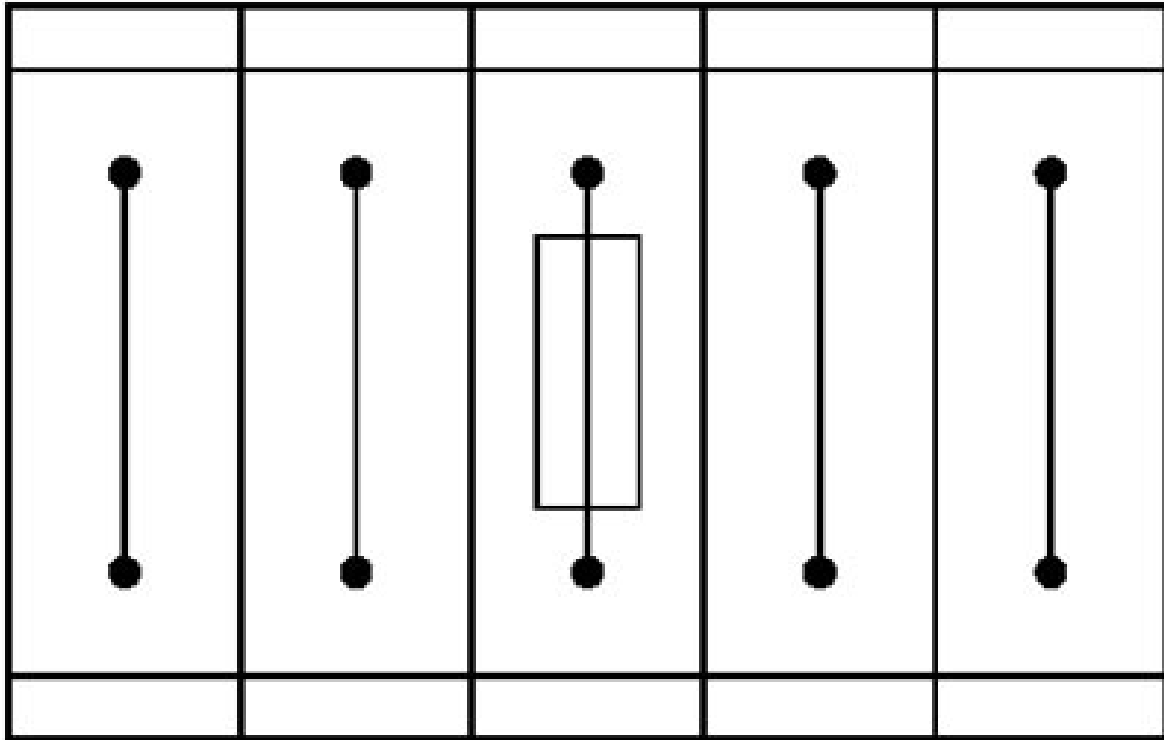
Application drawing



Fuse terminal blocks in interconnected arrangement, block consisting of 5 fuse terminal blocks

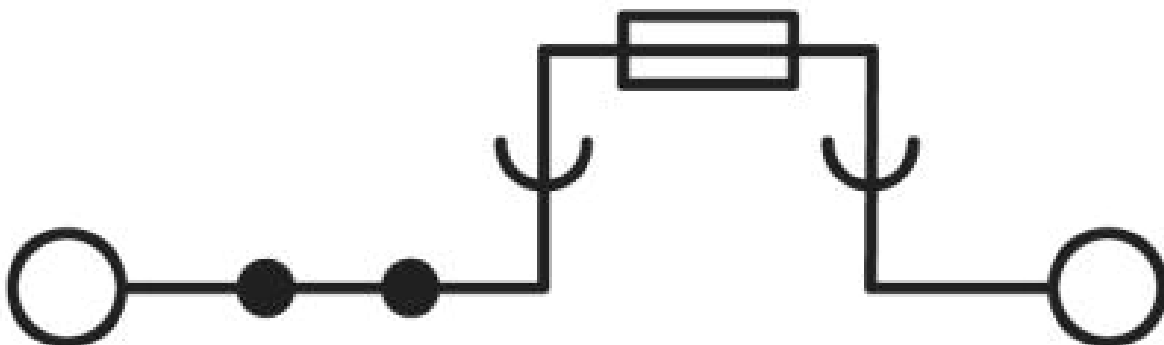
# Fuse modular terminal block - PT 4-HESI (5X20) - 3211861

Application drawing



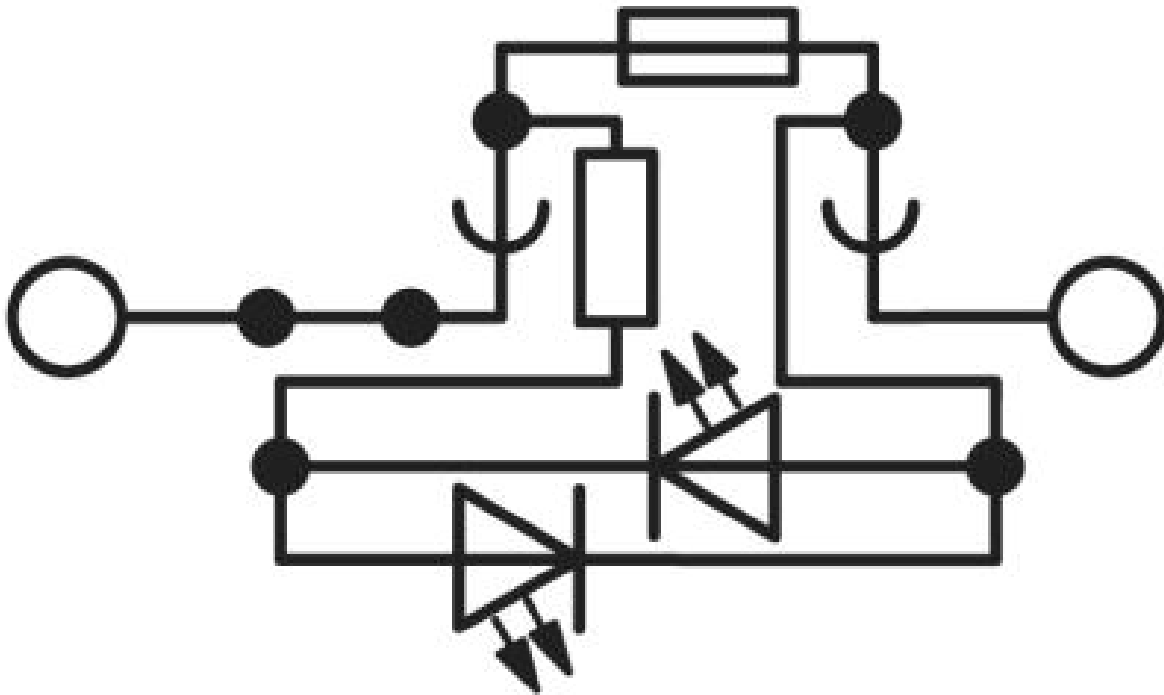
Fuse terminal block in single arrangement, block consisting of one fuse terminal block and 4 feed-through terminal blocks

Circuit diagram



# Fuse modular terminal block - PT 4-HESI (5X20) - 3211861

Circuit diagram



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