

## Feed-through terminal block - UK 5-TWIN BN - 3216066

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1-level terminal block with double connection on one side, cross section: 0.2 - 4 mm², AWG: 24 - 12, width: 6.2 mm, color: Brown

The figure shows a version of the article



### Key commercial data

|                                      |           |
|--------------------------------------|-----------|
| Packing unit                         | 1 PCE     |
| Weight per Piece (excluding packing) | 12.66 GRM |
| Custom tariff number                 | 85369010  |
| Country of origin                    | Poland    |

### Technical data

#### General

|                                         |                                                                                                       |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------|
| Number of levels                        | 2                                                                                                     |
| Number of connections                   | 3                                                                                                     |
| Color                                   | brown                                                                                                 |
| Insulating material                     | PA                                                                                                    |
| Inflammability class according to UL 94 | V2                                                                                                    |
| Maximum load current                    | 32 A (with 4 mm² conductor cross section)                                                             |
| Rated surge voltage                     | 6 kV                                                                                                  |
| Pollution degree                        | 3                                                                                                     |
| Surge voltage category                  | III                                                                                                   |
| Insulating material group               | I                                                                                                     |
| Connection in acc. with standard        | IEC 60947-7-1                                                                                         |
| Nominal current I <sub>N</sub>          | 32 A (the maximum load current must not be exceeded by the total current of all connected conductors) |

# Feed-through terminal block - UK 5-TWIN BN - 3216066

## Technical data

### General

|                       |                                        |
|-----------------------|----------------------------------------|
| Nominal voltage $U_N$ | 500 V (With tightened clamping screws) |
| Open side panel       | ja                                     |
| Number of positions   | 1                                      |

### Dimensions

|                  |         |
|------------------|---------|
| Width            | 6.2 mm  |
| Length           | 50.5 mm |
| Height NS 35/7,5 | 47 mm   |
| Height NS 35/15  | 54.5 mm |
| Height NS 32     | 52 mm   |

### Connection data

|                                                                                         |                      |
|-----------------------------------------------------------------------------------------|----------------------|
| Conductor cross section solid min.                                                      | 0.2 mm <sup>2</sup>  |
| Conductor cross section solid max.                                                      | 4 mm <sup>2</sup>    |
| Conductor cross section AWG/kcmil min.                                                  | 24                   |
| Conductor cross section AWG/kcmil max.                                                  | 12                   |
| Conductor cross section stranded min.                                                   | 0.2 mm <sup>2</sup>  |
| Conductor cross section stranded max.                                                   | 4 mm <sup>2</sup>    |
| Min. AWG conductor cross section, stranded                                              | 24                   |
| Max. AWG conductor cross section, stranded                                              | 12                   |
| 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.                 | 2.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, solid min.                                        | 0.2 mm <sup>2</sup>  |
| 2 conductors with same cross section, solid max.                                        | 1.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded min.                                     | 0.2 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded max.                                     | 1.5 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. | 1.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.   | 0.25 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.   | 1.5 mm <sup>2</sup>  |
| Cross section with insertion bridge, solid max.                                         | 4 mm <sup>2</sup>    |
| Cross section with insertion bridge, stranded max.                                      | 4 mm <sup>2</sup>    |
| Connection method                                                                       | Screw connection     |
| Stripping length                                                                        | 8 mm                 |

## Feed-through terminal block - UK 5-TWIN BN - 3216066

### Technical data

#### Connection data

|                           |        |
|---------------------------|--------|
| Internal cylindrical gage | A4     |
| Screw thread              | M3     |
| Tightening torque, min    | 0.6 Nm |
| Tightening torque max     | 0.8 Nm |

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27141120 |
| eCl@ss 4.1 | 27141120 |
| eCl@ss 5.0 | 27141120 |
| eCl@ss 5.1 | 27141120 |
| eCl@ss 6.0 | 27141120 |
| eCl@ss 7.0 | 27141120 |
| eCl@ss 8.0 | 27141120 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC000897 |
| ETIM 3.0 | EC000897 |
| ETIM 4.0 | EC000897 |
| ETIM 5.0 | EC000897 |

#### UNSPSC

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

### Approvals

#### Approvals

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#### Approvals

CSA / UL Recognized / KEMA-KEUR / cUL Recognized / GL / PRS / NK / CCA / cULus Recognized

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## Feed-through terminal block - UK 5-TWIN BN - 3216066

### Approvals

Ex Approvals

ATEX / UL Recognized / cUL Recognized / cULus Recognized

Approvals submitted

### Approval details

|                                                                                       |       |
|---------------------------------------------------------------------------------------|-------|
| CSA  |       |
| mm <sup>2</sup> /AWG/kcmil                                                            | 22-10 |
| Nominal current I <sub>N</sub>                                                        | 30 A  |
| Nominal voltage U <sub>N</sub>                                                        | 300 V |

|                                                                                                   |       |
|---------------------------------------------------------------------------------------------------|-------|
| UL Recognized  |       |
| mm <sup>2</sup> /AWG/kcmil                                                                        | 30-10 |
| Nominal current I <sub>N</sub>                                                                    | 35 A  |
| Nominal voltage U <sub>N</sub>                                                                    | 150 V |

|                                                                                               |       |
|-----------------------------------------------------------------------------------------------|-------|
| KEMA-KEUR  |       |
| mm <sup>2</sup> /AWG/kcmil                                                                    | 4     |
| Nominal voltage U <sub>N</sub>                                                                | 500 V |

|                                                                                                    |       |
|----------------------------------------------------------------------------------------------------|-------|
| cUL Recognized  |       |
| mm <sup>2</sup> /AWG/kcmil                                                                         | 30-10 |
| Nominal current I <sub>N</sub>                                                                     | 35 A  |
| Nominal voltage U <sub>N</sub>                                                                     | 150 V |

## Feed-through terminal block - UK 5-TWIN BN - 3216066

### Approvals

GL

PRS

NK

|                            |       |
|----------------------------|-------|
| CCA                        |       |
|                            |       |
| mm <sup>2</sup> /AWG/kcmil | 4     |
| Nominal voltage UN         | 500 V |

cULus Recognized  US

### Accessories

#### Accessories

#### Bridge

Fixed bridge - FB-150 METER - 0201595



Cross connection rail, for fixed bridging of identical inputs and outputs, made of Cu, nickel-plated, 1 m long

Jumper - LB 10-6 GY - 0202358



Jumper, Number of positions: 10, Color: gray

## Feed-through terminal block - UK 5-TWIN BN - 3216066

### Accessories

Jumper - LB 100-6 GY - 0202345



Jumper, Number of positions: 100, Color: gray

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Jumper - LB 100-6 RD - 0202316



Jumper, Number of positions: 100, Color: red

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Jumper - LB 100-6 BU - 0202303



Jumper, Number of positions: 100, Color: blue

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Jumper - LB 10-6 RD - 0202293



Jumper, Number of positions: 10, Color: red

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Jumper - LB 10-6 BU - 0202280



Jumper, Number of positions: 10, Color: blue

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## Feed-through terminal block - UK 5-TWIN BN - 3216066

### Accessories

Fixed bridge - FBI 100- 6 - 0201650



Fixed bridge, Number of positions: 100, Color: silver

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Fixed bridge - FBI 10- 6 - 0203250



Fixed bridge, Number of positions: 10, Color: silver

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Fixed bridge - FBI 20- 6 - 0201867



Fixed bridge, Number of positions: 20, Color: silver

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Insertion bridge - EB 3- 6 - 0201142



Insertion bridge, Number of positions: 3, Color: gray

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Insertion bridge - EB 2- 6 - 0201155



Insertion bridge, Number of positions: 2, Color: gray

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## Feed-through terminal block - UK 5-TWIN BN - 3216066

### Accessories

Insertion bridge - EB 10- 6 - 0201139



Insertion bridge, Number of positions: 10, Color: gray

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Switching jumper - USBRJ 2-7 - 2305538



Switching jumper, Color: silver

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Switching jumper - USBR 2-7 - 2303239



Switching jumper, Number of positions: 2, Color: silver

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### End block

End clamp - CLIPFIX 35 - 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

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End clamp - CLIPFIX 35-5 - 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

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## Feed-through terminal block - UK 5-TWIN BN - 3216066

### Accessories

End clamp - E/NS 35 N - 0800886



End clamp, width: 9.5 mm, color: gray

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End clamp - E/UK - 1201442



End clamp, for assembly on NS 32 or NS 35/7.5 DIN rail

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End clamp - E/UK 1 - 1201413



End clamps, for supporting the ends of double-level and three-level terminal blocks, width: 10 mm, color: gray

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End cover

End cover - D-UK 5-TWIN - 1923034



End cover, Length: 50 mm, Width: 2 mm, Height: 36 mm, Color: gray

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Cover segment - UK 5-TWIN DECKELSEGMENT - 1923089



End cover segment, for covering multi-conductor terminal blocks when two-conductor terminal blocks are aligned, color: Gray

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## Feed-through terminal block - UK 5-TWIN BN - 3216066

### Accessories

#### Insulating sleeve

Bridge bar isolator - IS-K 4 - 1302338



Bridge bar isolator, Color: gray

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Bridge bar isolator - ISSBI 10- 6 - 0301505



Bridge bar isolator, Number of positions: 10, Color: silver

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#### Labeled terminal marker

Zack marker strip - ZB 6 CUS - 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: 6.15 x 10.5 mm

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Marker for terminal blocks - UC-TM 6 CUS - 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: 5.6 x 10.5 mm

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Marker for terminal blocks - UCT-TM 6 CUS - 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: 5.6 x 10.5 mm

## Feed-through terminal block - UK 5-TWIN BN - 3216066

### Accessories

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#### Mounting rail

DIN rail - NS 32 PERF 2000MM - 1201002



G-profile DIN rail, material: Steel, perforated, height 15 mm, width 32 mm, length 2 m

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DIN rail - NS 32 UNPERF 2000MM - 1201015



G-profile DIN rail, material: Steel, unperforated, height 15 mm, width 32 mm, length 2 m

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DIN rail perforated - NS 35/ 7,5 PERF 2000MM - 0801733



DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 7.5 mm, width 35 mm, length: 2000 mm

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DIN rail - NS 35/ 7,5 UNPERF 2000MM - 0801681



DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m

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



DIN rail 35 mm (NS 35)

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## Feed-through terminal block - UK 5-TWIN BN - 3216066

### Accessories

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



DIN rail 35 mm (NS 35)

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



DIN rail, unperforated, Width: 35 mm, Height: 7.5 mm, Length: 2000 mm, Color: silver

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



DIN rail, material: Galvanized, perforated, height 7.5 mm, width 35 mm, length: 2 m

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



DIN rail, material: Galvanized, unperforated, height 7.5 mm, width 35 mm, length: 2 m

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



DIN rail, material: Copper, unperforated, height 7.5 mm, width 35 mm, length: 2 m

## Feed-through terminal block - UK 5-TWIN BN - 3216066

### Accessories

End cap - NS 35/ 7,5 CAP - 1206560

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



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DIN rail perforated - NS 35/15 PERF 2000MM - 1201730



DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 15 mm, width 35 mm, length: 2000 mm

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DIN rail - NS 35/15 UNPERF 2000MM - 1201714



DIN rail, material: Steel, unperforated, height 15 mm, width 35 mm, length: 2 m

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DIN rail - NS 35/15 WH PERF 2000MM - 0806602



DIN rail 35 mm (NS 35)

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DIN rail - NS 35/15 WH UNPERF 2000MM - 1204135



DIN rail 35 mm (NS 35)

## Feed-through terminal block - UK 5-TWIN BN - 3216066

### Accessories

DIN rail, unperforated - NS 35/15 AL UNPERF 2000MM - 1201756



DIN rail, deep drawn, high profile, unperforated, 1.5 mm thick, material: aluminum, height 15 mm, width 35 mm, length 2000 mm

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DIN rail - NS 35/15 ZN PERF 2000MM - 1206599



DIN rail, material: Galvanized, perforated, height 15 mm, width 35 mm, length: 2 m

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DIN rail - NS 35/15 ZN UNPERF 2000MM - 1206586



DIN rail, material: Galvanized, unperforated, height 15 mm, width 35 mm, length: 2 m

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DIN rail - NS 35/15 CU UNPERF 2000MM - 1201895



DIN rail, material: Copper, unperforated, 1.5 mm thick, height 15 mm, width 35 mm, length: 2 m

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End cap - NS 35/15 CAP - 1206573



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

## Feed-through terminal block - UK 5-TWIN BN - 3216066

### Accessories

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



DIN rail, material: Steel, unperforated, 2.3 mm thick, height 15 mm, width 35 mm, length: 2 m

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### Partition plate

Separating plate - TS-K - 1302215



Separating plate, Length: 22 mm, Height: 22 mm, Color: gray

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### Short-circuit connector

Short-circuit connector - KSS 3- 6 - 0309523



Short-circuit connector, Number of positions: 3, Color: black

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Short-circuit connector - KSS 6 - 0301547



Short-circuit connector, Number of positions: 2, Color: black

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### Terminal marking

## Feed-through terminal block - UK 5-TWIN BN - 3216066

### Accessories

#### Marker cards - SBS 6:UNBEDRUCKT - 1007222



Marker cards, Card, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into tall marker groove, Snap into flat marker groove, For terminal block width: 6.2 mm, Lettering field: 6 x 6.1 mm

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#### Zack marker strip - ZB 6:UNBEDRUCKT - 1051003



Zack marker strip, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into tall marker groove, For terminal block width: 6.2 mm, Lettering field: 6.15 x 10.5 mm

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#### Marker for terminal blocks - UC-TM 6 - 0818085



Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: BLUEMARK CLED, BLUEMARK LED, Plotter, Mounting type: Snap into tall marker groove, For terminal block width: 6.2 mm, Lettering field: 5.6 x 10.5 mm

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#### Marker for terminal blocks - UCT-TM 6 - 0828736



Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: THERMOMARK CARD PLUS, THERMOMARK CARD, BLUEMARK CLED, BLUEMARK LED, Mounting type: Snap into tall marker groove, For terminal block width: 6.2 mm, Lettering field: 5.6 x 10.5 mm

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### Test plug terminal block

#### Test plugs - PS-UK 2,5 B/Z-6 - 3001239



Test plugs, Length: 19.6 mm, Width: 5 mm, Color: red

## Feed-through terminal block - UK 5-TWIN BN - 3216066

### Accessories

Test plugs - PS-UK 2,5 B/E - 3001132



Test plugs, Color: red

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Reducing plug - RPS - 0201647



Reducing plug, Color: gray

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Test socket

Female test connector - PSBJ 3/13/4 - 0201304



Female test connector, Color: silver

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Female test connector - PSB 3/10/4 - 0601292



Female test connector, Color: silver

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Warning label printed

Warning label - WS 5- 6 - 1004403



Warning plate, with 2 plastic screws, across 5 terminal blocks, pitch 6 mm

## Feed-through terminal block - UK 5-TWIN BN - 3216066

### Accessories

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Warning label - WS 4- 6 - 1004209

Warning plate, with 2 plastic screws, across 4 terminal blocks, pitch 6 mm



Warning label - WS 3- 6 - 1004115

Warning plate, with 2 plastic screws, across 3 terminal blocks, pitch 6 mm



### Drawings

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Circuit diagram



Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

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- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
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- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
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## JONHON

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