

A. System Overview



## Flex Conductor, Two-Hole, Standard Barrel with Window Lug

B1. Cable Ties

**For Use with Flexible, Extra-Flexible, and Code Stranded Copper Conductors**

### Type LCDX

B2. Cable Accessories

- Can be used with code conductor and flex conductor class: G, H, I, K, M and Diesel Locomotive
- Generously beveled wire entry prevents bent back strands when inserting conductor into barrel
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV\*\* and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- American Bureau of Shipping approved
- Available with NEMA hole sizes and spacing

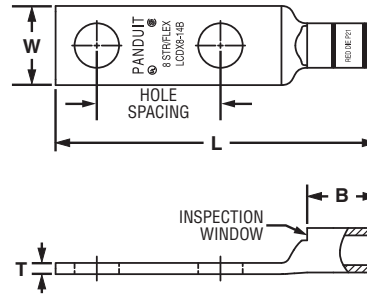
B3. Stainless Steel Ties

C1. Wiring Duct



C2. Surface Raceway

C3. Abrasion Protection



C4. Cable Management

| Part Number  | Flex Conductor Size |                   | Code Conductor Size | Stud Hole Size (In.) | Stud Hole Spacing (In.) | Figure Dimensions (In.) |     |     |      | Panduit Color Code | Panduit Die Index No.‡ | Burndy Die Index No.‡ | T&B Die Index No.‡ | Wire Strip Length (In.) | Std. Pkg. Qty. |
|--------------|---------------------|-------------------|---------------------|----------------------|-------------------------|-------------------------|-----|-----|------|--------------------|------------------------|-----------------------|--------------------|-------------------------|----------------|
|              | Class G, H, I, K, M | Diesel Locomotive |                     |                      |                         | W                       | B   | T   | L    |                    |                        |                       |                    |                         |                |
| LCDX8-10A-L  |                     |                   |                     | #10                  | .63                     | .41                     | .42 | .08 | 1.74 | Red                | P21                    | 49                    | 21                 | 1/2                     | 50             |
| LCDX8-14A-L  |                     |                   |                     | 1/4                  | .63                     | .48                     | .42 | .07 | 1.83 | Red                | P21                    | 49                    | 21                 | 1/2                     | 50             |
| LCDX8-14B-L  | #8 AWG              | #8 AWG            | #8 AWG              | 1/4                  | .75                     | .48                     | .42 | .07 | 1.95 | Red                | P21                    | 49                    | 21                 | 1/2                     | 50             |
| LCDX8-14D-L  |                     |                   |                     | 1/4                  | 1.00                    | .48                     | .42 | .07 | 2.20 | Red                | P21                    | 49                    | 21                 | 1/2                     | 50             |
| LCDX8-38D-L  |                     |                   |                     | 3/8                  | 1.00                    | .60                     | .42 | .05 | 2.42 | Red                | P21                    | 49                    | 21                 | 1/2                     | 50             |
| LCDX6-10A-L  |                     |                   |                     | #10                  | .63                     | .46                     | .48 | .08 | 1.82 | Blue               | P24                    | 7                     | 24                 | 9/16                    | 50             |
| LCDX6-10B-L  |                     |                   |                     | #10                  | .75                     | .46                     | .48 | .08 | 1.94 | Blue               | P24                    | 7                     | 24                 | 9/16                    | 50             |
| LCDX6-10G-L  |                     |                   |                     | #10                  | 1.50                    | .46                     | .48 | .08 | 2.69 | Blue               | P24                    | 7                     | 24                 | 9/16                    | 50             |
| LCDX6-10P-L  |                     |                   |                     | #10                  | .69                     | .46                     | .48 | .08 | 1.88 | Blue               | P24                    | 7                     | 24                 | 9/16                    | 50             |
| LCDX6-14A-L  | #6 AWG              | #6 AWG            | #6 AWG              | 1/4                  | .63                     | .48                     | .48 | .08 | 1.91 | Blue               | P24                    | 7                     | 24                 | 9/16                    | 50             |
| LCDX6-14B-L  |                     |                   |                     | 1/4                  | .75                     | .48                     | .48 | .08 | 2.03 | Blue               | P24                    | 7                     | 24                 | 9/16                    | 50             |
| LCDX6-14D-L  |                     |                   |                     | 1/4                  | 1.00                    | .48                     | .48 | .08 | 2.28 | Blue               | P24                    | 7                     | 24                 | 9/16                    | 50             |
| LCDX6-56D-L  |                     |                   |                     | 5/16                 | 1.00                    | .56                     | .48 | .07 | 2.40 | Blue               | P24                    | 7                     | 24                 | 9/16                    | 50             |
| LCDX6-38D-L  |                     |                   |                     | 3/8                  | 1.00                    | .62                     | .48 | .06 | 2.50 | Blue               | P24                    | 7                     | 24                 | 9/16                    | 50             |
| LCDX4-14A-L  |                     |                   |                     | 1/4                  | .63                     | .55                     | .53 | .09 | 1.98 | Gray               | P29                    | 8                     | 29                 | 5/8                     | 50             |
| LCDX4-14B-L  |                     |                   |                     | 1/4                  | .75                     | .55                     | .53 | .09 | 2.10 | Gray               | P29                    | 8                     | 29                 | 5/8                     | 50             |
| LCDX4-14D-L  | #4 AWG              | #5, #4, #3 AWG    | #4 AWG              | 1/4                  | 1.00                    | .55                     | .53 | .09 | 2.35 | Gray               | P29                    | 8                     | 29                 | 5/8                     | 50             |
| LCDX4-56D-L  |                     |                   |                     | 5/16                 | 1.00                    | .55                     | .53 | .09 | 2.47 | Gray               | P29                    | 8                     | 29                 | 5/8                     | 50             |
| LCDX4-38D-L  |                     |                   |                     | 3/8                  | 1.00                    | .62                     | .53 | .08 | 2.57 | Gray               | P29                    | 8                     | 29                 | 5/8                     | 50             |
| LCDX2-14A-E* |                     |                   |                     | 1/4                  | .63                     | .70                     | .59 | .11 | 2.13 | Brown              | P33                    | 10                    | 33                 | 11/16                   | 20             |
| LCDX2-14B-E* |                     |                   |                     | 1/4                  | .75                     | .70                     | .59 | .11 | 2.25 | Brown              | P33                    | 10                    | 33                 | 11/16                   | 20             |
| LCDX2-14D-E* |                     |                   |                     | 1/4                  | 1.00                    | .70                     | .59 | .11 | 2.50 | Brown              | P33                    | 10                    | 33                 | 11/16                   | 20             |
| LCDX2-56D-E* | #2 AWG              | #2 AWG            | #2 AWG              | 5/16                 | 1.00                    | .70                     | .59 | .11 | 2.63 | Brown              | P33                    | 10                    | 33                 | 11/16                   | 20             |
| LCDX2-38D-E* |                     |                   |                     | 3/8                  | 1.00                    | .70                     | .59 | .11 | 2.70 | Brown              | P33                    | 10                    | 33                 | 11/16                   | 20             |
| LCDX2-12-E*  |                     |                   |                     | 1/2                  | 1.75                    | .75                     | .59 | .09 | 3.87 | Brown              | P33                    | 10                    | 33                 | 11/16                   | 20             |
| LCDX1-14A-X  |                     |                   |                     | 1/4                  | .63                     | .76                     | .66 | .12 | 2.29 | Green              | P37                    | 11                    | 37                 | 3/4                     | 10             |
| LCDX1-14B-X  |                     |                   |                     | 1/4                  | .75                     | .76                     | .66 | .12 | 2.42 | Green              | P37                    | 11                    | 37                 | 3/4                     | 10             |
| LCDX1-14D-X  |                     |                   |                     | 1/4                  | 1.00                    | .76                     | .66 | .12 | 2.67 | Green              | P37                    | 11                    | 37                 | 3/4                     | 10             |
| LCDX1-56D-X  | #1 AWG              | #1 AWG            | #1 AWG              | 5/16                 | 1.00                    | .76                     | .66 | .12 | 2.72 | Green              | P37                    | 11                    | 37                 | 3/4                     | 10             |
| LCDX1-38D-X  |                     |                   |                     | 3/8                  | 1.00                    | .76                     | .66 | .12 | 2.80 | Green              | P37                    | 11                    | 37                 | 3/4                     | 10             |
| LCDX1-12-X   |                     |                   |                     | 1/2                  | 1.75                    | .80                     | .66 | .12 | 3.97 | Green              | P37                    | 11                    | 37                 | 3/4                     | 10             |

‡See pages D3.70 – D3.73 for tool and die information.

\*Not UL Listed or CSA Certified with Class K flex conductor when crimped with Burndy tools.

\*\*Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

◆NEMA hole sizes and spacing.

F. Index

# PANDUIT® ELECTRICAL SOLUTIONS



## Flex Conductor, Two-Hole, Standard Barrel with Window Lug (continued)

| Part Number   | Flex Conductor Size |                   | Code Conductor Size | Stud Hole Size (In.) | Stud Hole Spacing (In.) | Figure Dimensions (In.) |      |      |      | Panduit Color Code | Panduit Die Index No.‡ | Burndy Die Index No.‡ | T&B Die Index No.‡ | Wire Strip Length (In.) | Std. Pkg. Qty. |    |        |    |
|---------------|---------------------|-------------------|---------------------|----------------------|-------------------------|-------------------------|------|------|------|--------------------|------------------------|-----------------------|--------------------|-------------------------|----------------|----|--------|----|
|               | Class G, H, I, K, M | Diesel Locomotive |                     |                      |                         | W                       | B    | T    | L    |                    |                        |                       |                    |                         |                |    |        |    |
| LCDX1/0-14A-X | 1/0 AWG             | 1/0 AWG           | 1/0 AWG             | 1/4                  | .63                     | .85                     | .72  | .13  | 2.45 | Pink               | P42                    | 12                    | 42                 | 3/4                     | 10             |    |        |    |
| LCDX1/0-14B-X |                     |                   |                     | 1/4                  | .75                     | .85                     | .72  | .13  | 2.57 | Pink               | P42                    | 12                    | 42                 | 3/4                     | 10             |    |        |    |
| LCDX1/0-56B-X |                     |                   |                     | 5/16                 | .75                     | .85                     | .72  | .13  | 2.57 | Pink               | P42                    | 12                    | 42                 | 3/4                     | 10             |    |        |    |
| LCDX1/0-56D-X |                     |                   |                     | 5/16                 | 1.00                    | .85                     | .72  | .13  | 2.82 | Pink               | P42                    | 12                    | 42                 | 3/4                     | 10             |    |        |    |
| LCDX1/0-38D-X |                     |                   |                     | 3/8                  | 1.00                    | .85                     | .72  | .13  | 2.89 | Pink               | P42                    | 12                    | 42                 | 3/4                     | 10             |    |        |    |
| LCDX1/0-12D-X |                     |                   |                     | 1/2                  | 1.00                    | .85                     | .72  | .13  | 3.14 | Pink               | P42                    | 12                    | 42                 | 3/4                     | 10             |    |        |    |
| LCDX1/0-12-X  |                     |                   |                     | 1/2                  | 1.75                    | .85                     | .72  | .13  | 4.05 | Pink               | P42                    | 12                    | 42                 | 3/4                     | 10             |    |        |    |
| LCDX2/0-14A-X | 2/0 AWG             | 2/0 AWG           | 2/0 AWG             | 1/4                  | .63                     | .96                     | .83  | .13  | 2.59 | Black              | P45                    | 13                    | 45                 | 7/8                     | 10             |    |        |    |
| LCDX2/0-14B-X |                     |                   |                     | 1/4                  | .75                     | .96                     | .83  | .13  | 2.72 | Black              | P45                    | 13                    | 45                 | 7/8                     | 10             |    |        |    |
| LCDX2/0-56D-X |                     |                   |                     | 5/16                 | 1.00                    | .96                     | .83  | .13  | 2.97 | Black              | P45                    | 13                    | 45                 | 7/8                     | 10             |    |        |    |
| LCDX2/0-38D-X |                     |                   |                     | 3/8                  | 1.00                    | .96                     | .83  | .13  | 3.03 | Black              | P45                    | 13                    | 45                 | 7/8                     | 10             |    |        |    |
| LCDX2/0-12D-X |                     |                   |                     | 1/2                  | 1.00                    | .96                     | .83  | .13  | 3.28 | Black              | P45                    | 13                    | 45                 | 7/8                     | 10             |    |        |    |
| LCDX2/0-12-X  |                     |                   |                     | 1/2                  | 1.75                    | .96                     | .83  | .13  | 4.19 | Black              | P45                    | 13                    | 45                 | 7/8                     | 10             |    |        |    |
| LCDX3/0-14A-X |                     |                   |                     | 3/0 AWG              | 3/0 AWG                 | 3/0 AWG                 | 1/4  | .63  | 1.06 | .91                | .14                    | 2.71                  | Orange             | P50                     | 14             | 50 | 1      | 10 |
| LCDX3/0-56D-X | 5/16                | 1.00              | 1.06                |                      |                         |                         | .91  | .14  | 3.10 | Orange             | P50                    | 14                    | 50                 | 1                       | 10             |    |        |    |
| LCDX3/0-38D-X | 3/8                 | 1.00              | 1.06                |                      |                         |                         | .91  | .14  | 3.17 | Orange             | P50                    | 14                    | 50                 | 1                       | 10             |    |        |    |
| LCDX3/0-12-X  | 1/2                 | 1.75              | 1.06                |                      |                         |                         | .91  | .14  | 4.31 | Orange             | P50                    | 14                    | 50                 | 1                       | 10             |    |        |    |
| LCDX4/0-14A-X | 4/0 AWG             | 4/0 AWG           | 4/0 AWG             |                      |                         |                         | 1/4  | .63  | 1.19 | 1.03               | .16                    | 2.74                  | Purple             | P54                     | 15             | 54 | 1 1/16 | 10 |
| LCDX4/0-14B-X |                     |                   |                     |                      |                         |                         | 1/4  | .75  | 1.19 | 1.03               | .16                    | 2.96                  | Purple             | P54                     | 15             | 54 | 1 1/16 | 10 |
| LCDX4/0-56D-X |                     |                   |                     |                      |                         |                         | 5/16 | 1.00 | 1.19 | 1.03               | .16                    | 3.31                  | Purple             | P54                     | 15             | 54 | 1 1/16 | 10 |
| LCDX4/0-38D-X |                     |                   |                     | 3/8                  | 1.00                    | 1.19                    | 1.03 | .16  | 3.34 | Purple             | P54                    | 15                    | 54                 | 1 1/16                  | 10             |    |        |    |
| LCDX4/0-12D-X |                     |                   |                     | 1/2                  | 1.00                    | 1.19                    | 1.03 | .16  | 3.61 | Purple             | P54                    | 15                    | 54                 | 1 1/16                  | 10             |    |        |    |
| LCDX4/0-12E-X |                     |                   |                     | 1/2                  | 1.25                    | 1.19                    | 1.03 | .16  | 3.89 | Purple             | P54                    | 15                    | 54                 | 1 1/16                  | 10             |    |        |    |
| LCDX4/0-12-X  |                     |                   |                     | 1/2                  | 1.75                    | 1.19                    | 1.03 | .16  | 4.52 | Purple             | P54                    | 15                    | 54                 | 1 1/16                  | 10             |    |        |    |
| LCDX250-38D-X | 250 kcmil           | 262.6 kcmil       | —                   | 3/8                  | 1.00                    | 1.28                    | 1.03 | .17  | 3.38 | Yellow             | P62                    | 16                    | 62                 | 1 1/16                  | 10             |    |        |    |
| LCDX250-38-X  |                     |                   |                     | 3/8                  | 1.75                    | 1.28                    | 1.03 | .17  | 4.13 | Yellow             | P62                    | 16                    | 62                 | 1 1/16                  | 10             |    |        |    |
| LCDX250-12E-X |                     |                   |                     | 1/2                  | 1.25                    | 1.28                    | 1.03 | .17  | 3.93 | Yellow             | P62                    | 16                    | 62                 | 1 1/16                  | 10             |    |        |    |
| LCDX250-12-X  |                     |                   |                     | 1/2                  | 1.75                    | 1.28                    | 1.03 | .17  | 4.56 | Yellow             | P62                    | 16                    | 62                 | 1 1/16                  | 10             |    |        |    |
| LCDX300-38D-6 | 300 kcmil           | 313.1 kcmil       | —                   | 3/8                  | 1.00                    | 1.39                    | 1.19 | .18  | 3.56 | Red                | P71                    | 18                    | 71H                | 1 1/4                   | 6              |    |        |    |
| LCDX300-12-6  |                     |                   |                     | 1/2                  | 1.75                    | 1.39                    | 1.19 | .18  | 4.74 | Red                | P71                    | 18                    | 71H                | 1 1/4                   | 6              |    |        |    |
| LCDX350-56D-6 | 350 kcmil           | 373.7 kcmil       | —                   | 5/16                 | 1.00                    | 1.54                    | 1.29 | .22  | 3.71 | Blue               | P76                    | 19                    | 76H                | 1 3/8                   | 6              |    |        |    |
| LCDX350-38D-6 |                     |                   |                     | 3/8                  | 1.00                    | 1.54                    | 1.29 | .22  | 3.74 | Blue               | P76                    | 19                    | 76H                | 1 3/8                   | 6              |    |        |    |
| LCDX350-38-6  |                     |                   |                     | 3/8                  | 1.75                    | 1.54                    | 1.29 | .22  | 4.49 | Blue               | P76                    | 19                    | 76H                | 1 3/8                   | 6              |    |        |    |
| LCDX350-12E-6 |                     |                   |                     | 1/2                  | 1.25                    | 1.54                    | 1.29 | .22  | 4.29 | Blue               | P76                    | 19                    | 76H                | 1 3/8                   | 6              |    |        |    |
| LCDX350-12-6  |                     |                   |                     | 1/2                  | 1.75                    | 1.54                    | 1.29 | .22  | 4.92 | Blue               | P76                    | 19                    | 76H                | 1 3/8                   | 6              |    |        |    |
| LCDX450-38D-6 | 450 kcmil           | 444.4 kcmil       | —                   | 3/8                  | 1.00                    | 1.70                    | 1.40 | .26  | 3.90 | Brown              | P87                    | 20                    | 87H                | 1 7/16                  | 6              |    |        |    |
| LCDX450-12-6  |                     |                   |                     | 1/2                  | 1.75                    | 1.70                    | 1.40 | .26  | 5.08 | Brown              | P87                    | 20                    | 87H                | 1 7/16                  | 6              |    |        |    |
| LCDX500-56D-6 | 500 kcmil           | 535.3 kcmil       | —                   | 5/16                 | 1.00                    | 1.89                    | 1.48 | .26  | 4.05 | Pink               | P99                    | L99                   | 99H                | 1 9/16                  | 6              |    |        |    |
| LCDX500-38D-6 |                     |                   |                     | 3/8                  | 1.00                    | 1.89                    | 1.48 | .26  | 4.08 | Pink               | P99                    | L99                   | 99H                | 1 9/16                  | 6              |    |        |    |
| LCDX500-12E-6 |                     |                   |                     | 1/2                  | 1.25                    | 1.89                    | 1.48 | .26  | 4.76 | Pink               | P99                    | L99                   | 99H                | 1 9/16                  | 6              |    |        |    |
| LCDX500-12-6  |                     |                   |                     | 1/2                  | 1.75                    | 1.89                    | 1.48 | .26  | 5.26 | Pink               | P99                    | L99                   | 99H                | 1 9/16                  | 6              |    |        |    |
| LCDX600-12-6  | 600 kcmil           | —                 | —                   | 1/2                  | 1.75                    | 1.89                    | 1.48 | .26  | 5.26 | Pink               | P99                    | 400                   | 99H                | 1 9/16                  | 6              |    |        |    |
| LCDX650-38D-6 | —                   | 646.4 kcmil       | —                   | 3/8                  | 1.00                    | 1.95                    | 1.45 | .30  | 4.08 | Black              | P106                   | 24                    | 106H               | 1 1/2                   | 6              |    |        |    |
| LCDX650-12-6  |                     |                   |                     | 1/2                  | 1.75                    | 1.95                    | 1.45 | .30  | 5.26 | Black              | P106                   | 24                    | 106H               | 1 1/2                   | 6              |    |        |    |
| LCDX750-38D-3 | —                   | 777.7 kcmil       | —                   | 3/8                  | 1.00                    | 2.17                    | 1.66 | .32  | 4.62 | Yellow             | P115                   | L115                  | 115H               | 1 3/4                   | 3              |    |        |    |
| LCDX750-12E-3 |                     |                   |                     | 1/2                  | 1.25                    | 2.17                    | 1.66 | .32  | 5.06 | Yellow             | P115                   | L115                  | 115H               | 1 3/4                   | 3              |    |        |    |
| LCDX750-12G-3 |                     |                   |                     | 1/2                  | 1.50                    | 2.17                    | 1.66 | .32  | 5.31 | Yellow             | P115                   | L115                  | 115H               | 1 3/4                   | 3              |    |        |    |
| LCDX750-12-3  |                     |                   |                     | 1/2                  | 1.75                    | 2.17                    | 1.66 | .32  | 5.56 | Yellow             | P115                   | L115                  | 115H               | 1 3/4                   | 3              |    |        |    |
| LCDX750-58G-3 |                     |                   |                     | 5/8                  | 1.50                    | 2.17                    | 1.66 | .32  | 5.37 | Yellow             | P115                   | L115                  | 115H               | 1 3/4                   | 3              |    |        |    |

‡See pages D3.70 – D3.73 for tool and die information.

\*Not UL Listed or CSA Certified with Class K flex conductor when crimped with Burndy tools.

\*\*Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

◆NEMA hole sizes and spacing.

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

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E3. Pre-Printed & Write-On Markers

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E5. Lockout/Tagout & Safety Solutions

F. Index

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

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- 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);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «JONHON», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «FORSTAR».



## JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели, кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



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