

Product data sheet **CEE cable plug** IVG 1632 Ord. No. 100356



SEZ industrial sockets, plugs and connectors have been designed to connect electrical devices to low voltage electric energy in civil engineering, electric assembly sector, engineering industry, etc. Sockets and plugs are available in the following ranges:

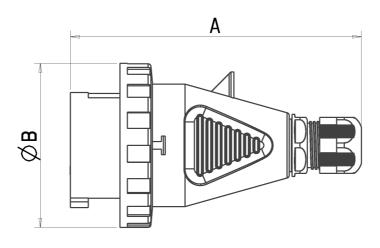
- •
- nominal current: 16 A, 32 A, 63 A, 125 A nominal voltage: 110 V ~, 230 V ~, 400 V ~, 500 V ~ nominal frequency: 50 Hz and 60 Hz
- degree of protection: IP 44, IP 54, IP 67
- number of poles: 3P (2P + PE), 4P (3P + PE), 5P (3P + N + PE) operating temperature: 25 °C to + 55 °C •
- •
- halogen-free material in compliance with EN 60754-2

Our sockets, plugs and connectors are manufactured under the European standards EN 60309 – 1, 2 which comply with an international recommendation IEC 60309 - 1, 2.

| Identification colour | blue                    | Operating temperature     | -25 °C to +55 °C       |
|-----------------------|-------------------------|---------------------------|------------------------|
| Nominal current       | 16 A                    | Glow wire test (GWT)      | 850 °C (active parts)  |
| Nominal voltage       | 230 V ~                 |                           | 650 °C (passive parts) |
| Frequency             | 50/60 Hz                | Thermo-pressure with ball | 125 °C (active parts)  |
| Degree of protection  | IP67                    |                           | 80 °C (passive parts)  |
| No. of pole           | 2P + PE                 | Insulation resistance     | >10 MΩ                 |
| Earth hour position   | 6 h                     |                           |                        |
| Connection system     | screws                  |                           |                        |
| Flexible conductors   | 1 - 2.5 mm <sup>2</sup> |                           |                        |

passivated brass Surface treatment contacts

## **Dimensional drawing**



|                  |       |          | (mm) |    |          |  |
|------------------|-------|----------|------|----|----------|--|
| Amp              | Poles | Ord. No. | A    | ØВ | R        |  |
| 16               | 3     | 100356   | 149  | 70 | 9,0 - 16 |  |
| D. cooling range |       |          |      |    |          |  |

R - sealing range

## **Technical symbols**



screws



80 °C (passive parts)





-25 °C to +55 °C

IP

850 °C (active parts) 650 °C (passive parts)

GWT



Standards/Approvals

**CE** IEC 60309-1, - 2 STN EN 60309-1, - 2

SEZ DK a.s., M. R. Štefánika 1831/46 026 19 Dolný Kubín, Slovensko Tel.: +421 43 5809 226; +421 908 948 580 e-mail: sales@sez.sk www.sez.sk Last update 2023/05

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