Rittal operating housings – Solutions to meet every need

Operating housing with handle strips: Uniform system design and function, matched to the support arm system CP 60/120/180

Comfort Panel – The optimum combination of protection and design

Optipanel – The slimline design alternative: 3 installation depths 50 – 150 mm

Compact Panel – For small operating units

Operating housing for desktop TFTs up to 24˝ – To accommodate commercially available office TFTs

Rittal – The System.
Faster – better – everywhere.

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Strong partnership at the man/machine interface
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Strong partnership at the man/machine interface
Modern operator control and monitoring concepts are today more than just interfaces for interaction with machines and equipment. Robust, powerful, intelligent and networked systems increasingly enable even complex control and visualization tasks to be handled either in the control enclosure or directly via a panel on the machine. Phoenix Contact offers a broad portfolio of innovative solutions for such applications.

Box PCs – Compact, flexibly configured and particularly robust industrial PCs for installation in the control enclosure.

Panel PCs – Flat panel PCs for front installation. Convenient input device with different display sizes and touchscreen functionality.

All-round IP 65 Panel PCs – Attractive terminal solutions with multi-touch capabilities, robust protection against dust and water. For use directly on the machine.

Touch panels – Comprehensive portfolio for applications from simple operating data display to high-end visualization.

Panel PCs of the Designline series combine powerful technology and an attractive appearance. The slim-profile units feature IP 65 protection and multi-touch capabilities. They are fast and easy to install directly on the machine, and are thus always close to the action. Thanks to their fanless and energy-efficient design, they are the ideal solution for future-oriented industrial operating concepts: Service-friendly, individual, flexible and robust.

Support arm system CP 60/120/180

- Up to 4th generation Core i7 CPUs with only 15 W TDP
- Displays from 15˝ to 21.5˝ in full HD with Intel HD Graphics 5000
- Projected capacitive touch display (PCAP)
- Hardened glass front for maximum robustness
- Weight only 7.5 kg (21.5˝ version)

The benefits to you:
- Upgrade your machine with attractive and modern industrial design
- Intuitive gesture control – thanks to multi-touch
- Ergonomic control directly at the machine – thanks to all-round IP 65 protection
- Space-saving – only 60 mm deep
- Particulars service-friendly, with readily accessible components
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**All-round IP 65 Panel PCs** – Attractive terminal solutions with multi-touch capabilities, powerful processors and all-round protection against dust and water. For use directly on the machine.

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**Support arm system CP 60/120/180**
- Fanless, up to 4th Gen Intel® Core™ i7 processor
- VESA 75/100 mountable
- Uniform adjustment principle, also possible retrospectively without dismantling
- Simple cable entry and routing
- Automatic, consistent potential equalisation

**Connection console**
- VESA 75/100
- For rear connection of:
  - Slimline operating housings
  - Commercially available TFTs
  - Industrial PCs
- Fast and simple one-man assembly
- More space for installation and servicing
- Cables may be routed to devices outside and inside the console
- Removable cover for simple cable routing and accessibility
- Integral cable clamping facilities

**Main features:**
- Up to 4th generation Core™ i7 CPUs with only 15 W TDP
- Displays from 15˝ to 21.5˝ in full HD with Intel® HD Graphics 5000
- Projected capacitive touch display (PCAP)
- Hardened glass front for maximum robustness
- Weight only 7.5 kg (21.5˝ version)

**The benefits to you:**
- Upgrade your machine with attractive and modern industrial design
- Intuitive gesture control – thanks to multi-touch
- Ergonomic control directly at the machine – thanks to all-round IP 65 protection
- Space-saving – only 60 mm deep
- Service-friendly, with readily accessible components
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Touch panels – Comprehensive line portfolio for applications from simple operating data display to high-end visualisation.

Main features:
- Up to 4th generation Core i7 CPUs with only 15 W TDP
- Up to 21.5˝ Full HD with Intel HD Graphics 5000
- Projected capacitive touch displays (PCAP)
- Hardened glass front for maximum robustness
- Weight only 7.5 kg (21.5˝ version)

The benefits to you:
- Upgrade your machine with attractive and modern industrial design
- Intuitive gesture control – thanks to multi-touch
- Ergonomic control directly at the machine – thanks to all-round IP 65 protection
- Space-saving – only 60 mm deep
- Particularly service-friendly, with readily accessible components

Panel PCs of the Designline series combine powerful technology and an attractive appearance. The slim-profile units feature IP 65 protection and multi-touch capabilities. They are fast and easy to install directly on the machine, and are thus always close to the action. Thanks to their fanless and energy-efficient design, they are the ideal solution for future-oriented industrial operating concepts: Service-friendly, individual, flexible and robust.

Support arm system CP 60/120/180
- D-Clip arms up to 140/160
- Conforming installation solution
- Uniform adjustment principle, also possible retrospectively without disassembling
- Simple cable entry and routing
- Automatic, consistent potential equalisation

Connection console VESA 75/100
- For rear connection of
  - Slimline operating housings
  - Commercially available TFTs

The benefits to you:
- Fast and simple one-man assembly
- More space for installation and servicing
- Modular connection concept: device module, devices and module boxes in complete
- Simple, consistent rear panel cable routing and accessibility
- Integrated cable clamping facilities
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