

Rittal – The System.

Faster – better – everywhere.

► **Strong partnership at the man/machine interface**



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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 installa-
tion depths 50 – 150 mm



Compact Panel – For small
operating units



Operating housing for
desktop TFTs up to 24" –
To accommodate commer-
cially available office TFTs

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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, powerful processors and all-round 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 visualisation.

Phoenix Contact – More automation in view

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 visualisation 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.



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.

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
- Particularly service-friendly, with readily accessible components



Support arm system CP 60/120/180

- All load levels up to 1800 N
- Consistent combination options
- 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

The benefits to you:

- 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

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- Power Distribution
- Climate Control
- IT Infrastructure
- Software & Services

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