

Hygienic Design - Competitive comparison

				
Product portfolio				
HD Optic				
Design according to HD requirements				
Interior fittings				
Documentation / Approvals				
Accessories				
Protection type				



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	Rittal	Irinox	Steeldesign	Ilinox
Number of variants in the standard / dimensions	6 Dimensions terminal boxes 8 Dimensions Compact Cabinets Standard program	15 Dimensions of terminal boxes Delivery time < 2 weeks No compact enclosures	No terminal boxes 8 Dimensions for compact enclosures very long delivery time > 6 weeks	No terminal boxes 15 Dimensions of compact enclosures Delivery time < 2 weeks
HD Optic	Blue external silicone compound No plain areas	Blue external silicone compound Plain areas	Blue external silicone compound No plain areas	Red external silicone compound No plain areas
Design according to HD requirements	Compact cabinet: - 30 ° roof pitch with drip edge - Outboard seal area - Seal with liquid stop Terminal box: - 3 ° slope all around - Outboard seal area - Closed body	Terminal box: - No slope in body and lid - Hygiene risk of blind rivet nut for wall or machine mounting - Screw plug without seal Compact cabinet: - No product	Terminal box: - No product solution Compact cabinet: - Closure without seal - Round roof radius spray shadows caused during cleaning - Liquids stop at door seal - Rear panel embossing machine difficult and wall mounting	Terminal box: No product solution Compact cabinet: - No drip Knew the roof overhang - Liquids remain at door seal are hygiene risk by laser-etched logo on door - Closure without seal - Seal processing - Partial bad welds with a rough surface
Interior fittings	Terminal box = optional DIN rail or mounting plate Compact enclosure = Mounting plate and interior rails for depth expansion	Terminal box = Mounting plate Compact enclosure = -	Terminal box = - Compact enclosure = Mounting plate	Terminal box = - Compact enclosure = Mounting plate
Documentation / Approvals*	Documentation with safety instructions, cleaning instructions and assembly instructions UL Approvals ; DGUV	No documentation No approvals	No documentation No approvals	No documentation No approvals
Accessories	HD Cable Glands HD EMC cable glands HD leveling feet HD lock HD Wall Mounting kit	No HD accessories	HD Wall Mounting kit HD leveling feet HD cable glands → missing seal HD pipe connector	HD closure → missing seal HD Wall Mount → missing seal HD cable glands → missing seal HD leveling feet
Protection type*	IP66 / IP69K Nema4x Nema12 Nema 3R	IP 66; Nema 12; Nema 4x	IP 66; Nema 12; Nema 4x	IP 66

* Information based on Internet research

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