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KDS-SR-FDA COMPACT MODULAR FOR PREFORMED CABLES

FDA Compact Cable Entry - KDS

29083.5
KDS-SR-FDA-FB4/F, FDA Certified Frame, Blue



- Three Parts, Modular Solution
- Reduced Installation Time
- Angled Versions Available
- Perfect For Pre-Assembled Cables
- FDA Compliant

PRODUCT DESCRIPTION

The KDS-SR-FDA Compact Modular cable entry system by CONTA-CLIP delivers a high-performance, hygienic solution for feeding pre-assembled cables, hoses, pipes and tubes into enclosures without disassembly. This three-part modular system consists of an outer screw frame, inner locking frame, and foam-in-seal inserts, all FDA-certified, halogen- and silicone-free, and built from glass-fibre-reinforced polyamide V-0. Frames are available in lengths from 73 mm up to 147 mm (plus custom sizing up to 153 mm), a typical height around 18.9 mm, and fitted to IP 66 / NEMA 4X standards, operating from –40 °C to 120 °C. UL and cUL certified to UL 508 and C22.2 No 14-95, the system ensures reliable sealing and mechanical strength with just two M5 screws torqued to 3 Nm.
In practice, the compact frame is the ideal entry solution for food, beverage, pharmaceutical, and clean-room control panels. Its modularity accommodates a wide range of pre-terminated cable diameters—without cutting connectors—while maintaining IP66 protection in washdown environments. Its snap-in seal inserts allow cables to be added, removed, or re-routed from the inside without dismantling the frame, saving installation and maintenance time. Angled variants support routing efficiency in tight panel layouts, and the FDA-grade polyurethane foam seal ensures regulatory compliance in hygiene-critical industries.

TECHNICAL DATA

GENERAL DATA

Mounting	Screw
Colour	Blue
IP class	IP66
Approvals	cUL, UL
NEMA class	4x
Length	147 mm
Width	39 mm
Height	189 mm

MOUNTING DETAILS

Length of cutout	111 mm
Width of cutout	24 mm
Number of screw holes	2
Diameter of the screw holes	55 mm

Fixing screws	M5
Torque of the fixing screws	3

MATERIALS

Material	Polyamide
Glass-fibre reinforced	Yes
Flammability class	V-0
Sealing material	Polyurethane-based
Silicone-free	Yes
Halogen-free	Yes
Operating temperature from	-40 °C
Operating temperature to	120 °C

APPROVALS

Approvals	cUL, UL
UL test standard	UL 508
cUL test standard	C22.2 No. 14-95

ADDITIONAL DATA

Tariff code	39259020
Country of origin	DE
Weight	566 g
Pack size	1