

## KDS-SR-FDA COMPACT MODULAR FOR PREFORMED CABLES

29080.5

KDS-SR-FDA-FB1/B, FDA Certified Frame, Blue

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



### 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  $-40^{\circ}\text{C}$  to  $120^{\circ}\text{C}$ . 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	73 mm
Width	39 mm
Height	18.9 mm

### MOUNTING DETAILS

Length of cutout	46 mm
Width of cutout	24 mm
Number of screw holes	2
Diameter of the screw holes	5.5 mm
Fixing screws	M5

Torque of the fixing screws	3
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## 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	31.7 g
Pack size	1