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MS-7BK400-SS(D/F/P)

Explosion-Proof Junction Box



Key Features

- Explosion-Proof Terminal Box
- Stainless steel 316L
- Dual explosion-proof certification
- IP68
- With D: Built-in transformer (output 24VDC to Washing Tank)
- With F: Built-in 3 Electrical + 1 Optical Transceiver (Single-Mode, Single-Fiber, 1310 nm Tx / 1550 nm Rx, SC Interface)
- With P: Equipped with 2 DIN-rail power supplies, supporting 100–240 VAC input, 12 VDC output

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Specification

Parameters	
Application Model	MS-7CHP86XXCDN, MS-7CHP86XXCDR, MS-7CHP86XXEBR, MS-7IPT86XXPAR, MS-7IPT86XXPAN, MS-7TPHXXXXDA, MS-7TPTXXXXPA
Material	Stainless steel 316L (304 optional)
Description	Explosion-Proof Terminal Box
Cable Outlet	4 cable outlets, M25 × 1.5
Operating Conditions	-40°C to +60°C (-40°F to 140°F), 95%RH or less (non-condensing)
Air Pressure	80 Kpa to 110 Kpa
Power Input	100 to 240 VAC (50/60Hz)
Power Output	Default: - 100 to 240 VAC (50/60Hz) With D: - Camera: 100 to 240 VAC (50/60Hz), Washing Tank: 24VDC With P: - 12 VDC (50/60Hz)
Power Consumption	≤40W
Working Current	≤1.5A
Surge Protection (Optional)	TVS 6000V Protection against lightning, surge
Hazardous Area	Gas zone 1, 2 (IIA, IIB, IIC, T1-T6); dust zone 21, 22
Certificate	ATEX: Ex II 2G Ex db II C T6 Gb, Ex II 2D Ex tb III C T80°C Db IECEX: Ex db IIC T6 Gb /Ex tb III T80°C Db
Ingress Protection	IP68
Overall Size (L×W×H)	310 × 275 × 183 mm (12.2 × 10.83 × 7.2 inch), without Ex cable glands 413 × 397 × 183 mm (16.26 × 15.63 × 7.2 inch), with Ex cable glands
Inner Usable Size	φ230 × 120mm (φ9.06 × 4.72 inch)
Net Weight	16.8Kg (37.04lb)
Gross Weight	19.5Kg (42.99lb)
Media Convert Module	
Network Port Type	3 ports - 10/100M support MDI/MDI-X (standard)
Support	IEEE802.3, IEEE802.3x, IEEE802.3u, collision base back-pressure
Media Convert Module	With F: - 1 × 10/100 Mbps Single-Mode, Single-Fiber - 1310 nm Tx / 1550 nm Rx, SC Connector - Transmission Distance: 20 km
Fiber Port Type	With F: SC (1310 nm Tx / 1550 nm Rx)

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Dimensions (mm)

