Datasheet

Polaris-box 12 SCM

SCOPE OF SUPPLY

Polaris-box 16 bottom and cover
Inlay for 12 FMTS-Compact splice trays
FMTS-30 splice tray cover
Accessory kit incl. cable ties
Installation guide

GENERAL DESCRIPTION

The Polaris-box 12 SCM is a new member of R&M's Polaris family. The new generation of fiber optic connection and distribution boxes allows a secure splicing, patching and an easy integration of passive optical components. The Polaris-box family is weather resistant and fulfills the requirements of moderate or even harsh (IP65) outdoor applications. The Polaris-box 12 SCM inlay has a capacity for up to 12 FMTS-Compact splice trays and an easy (click-on) mountable adapter bracket for 6/12 patch connections (SC, E-2000 / LCD). The modular, as set available overlength brackets allow an easy storage of loose tube (loop) or drop cable overlengths. The cable entry concept enables an easy installation of cables and micro ducts with diameters from ø 2.0 mm to ø 16.0 mm.

PRODUCT-NO	PRODUCT DESCRIPTION	PU
R895053	Polaris-box 12 SCM, with lock	1 pc
R895054	Polaris-box 12 SCM, without lock	1 pc

TECHNICAL DATA

DESCRIPTION		VALUE / VALUE RANGE	STANDARD
Housing (Bottom & cover)	Material Color	Plastic PC/ASA RAL 7035, light gray	
Inlay	Material Color	Plastic PC/ASA RAL 7035, light gray	
Cable entry grommets	Material Color	Rubber TPE RAL 9005, black	
Adapter bracket and small parts (screws)	Material	Stainless steel A2	
Overlength brackets	Material	Aluminum	
Ingress protection IP	Housing Grommets	IP 65 IP 65 (Modular) / IP 55 (Basic)	
Dimension [mm]	H x W x D	315 x 238 x 112	
Capacity	Splice Patch	48 (12x4, FMTS-Compact) 6x BFF (SC-SX) or SFF (LCD)	
Cable entries	Below	4x Main cable ø 3 – 16mm	
		4x Drop cable 16x ø 2 – 3mm	
	Top	1x Cable gland M20/25 2x Main cable ø 3 – 13mm	
	Side	2x Drop cable 12x ø 2 – 3mm 2x Collocation bridge 2x Cable gland M20/25	

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CLIMATICAL DATA

DESCRIPTION		VALUE / VALUE RANGE	STANDARD
Temperature range	Service	-25 °C to +70 °C / -13 °F to +158 °F	
	Storage	-40 °C to +70 °C / -40 °F to +158 °F	
	Transport	-40 °C to +70 °C / -40 °F to +158 °F	

FIRE PROPERTIES
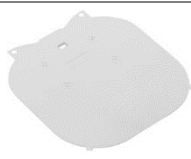
DESCRIPTION	VALUE / VALUE RANGE	STANDARD
Burning rate	UL-94-V0	
Halogen free, acid gases	Pass	
RoHS	Pass	

TECHNICAL DRAWING

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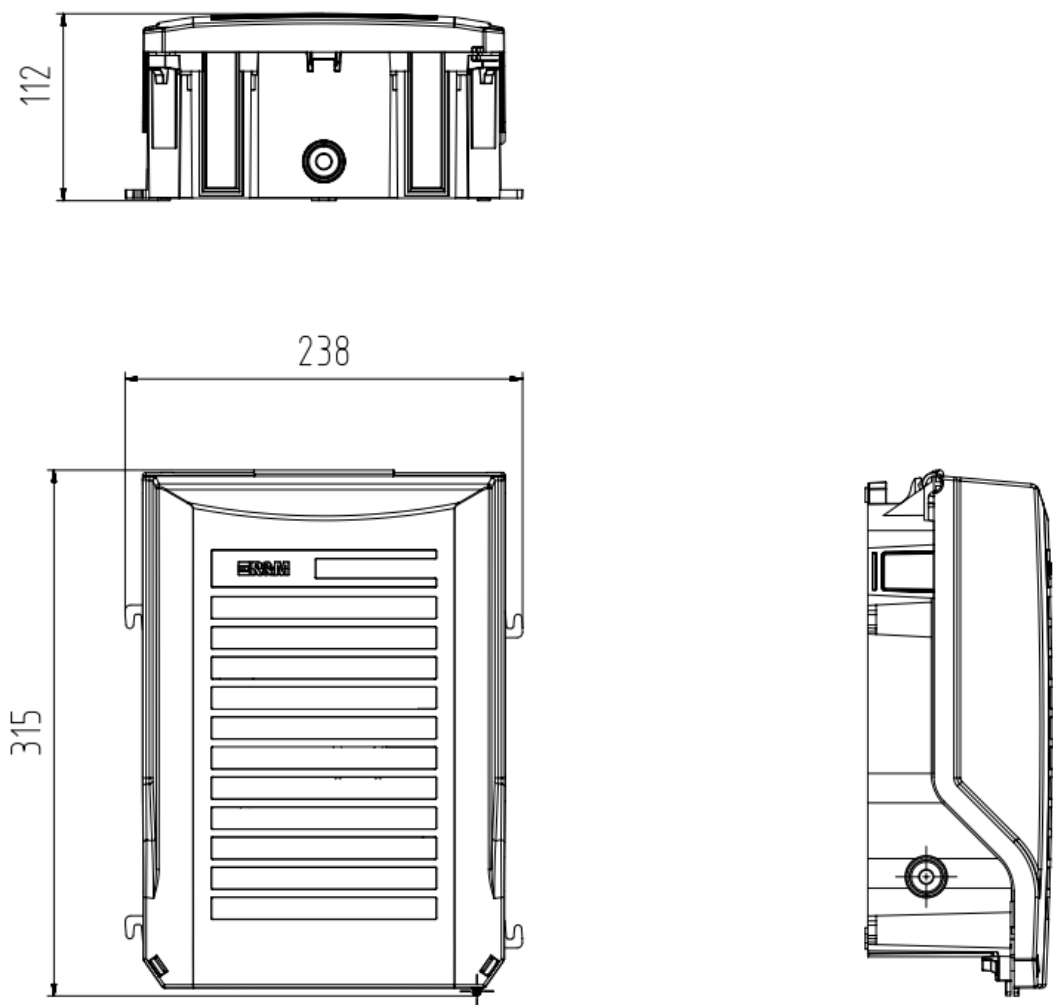
Polaris-box 12 SCM

ACCESSORIES

	PRODUCT-NO	PRODUCT DESCRIPTION	PU
	R895059	Polaris-box 12 SCM overlength holder kit • 1 pc. Aluminum overlength holder • 2 pcs. Nylon push-In rivet ø6, L2.5-4.0	1 pc.
	R895062	Polaris-box 12 SCM adapter holder kit • 1 pc. Adapter holder for 6x SFF/BFF • 1 pc. Nylon push-In rivet ø6, L2.5-4.0	1 pc.
	R878850	FMTS Splice tray Compact 4x ANT, gray	12 pcs.
	R878851	FMTS Splice tray Compact 4x HS, gray	12 pcs.
	R878853	FMTS Splice Tray Compact Cover, gray	12 pcs.
	R830929	Marker Clip Set "0-9", White, D2.3-3.0mm • 2 strips à 30 marker clips "1" • 2 strips à 30 marker clips "2" • 1 strip à 30 marker clips "3" • 1 strip à 30 marker clips "4" • 1 strip à 30 marker clips "5" • 1 strip à 30 marker clips "6" • 1 strip à 30 marker clips "7" • 1 strip à 30 marker clips "8" • 1 strip à 30 marker clips "9" • 1 strip à 30 marker clips "0"	1 pc.
	R815260	Marker Clip Set Red, D2.3-3.0mm • 10 strips à 30 red marker clips	1 pc.
	R815261	Marker Clip Set Green, D2.3-3.0mm • 10 strips à 30 green marker clips	1 pc.
	R815262	Marker Clip Set Yellow, D2.3-3.0mm • 10 strips à 30 yellow marker clips	1 pc.
	R815263	Marker Clip Set Blue, D2.3-3.0mm • 10 strips à 30 blue marker clips	1 pc.