

## Polaris-box 4 SCM



### SCOPE OF SUPPLY

Polaris-box 4 bottom and cover  
Inlay for 4 FMTS-Compact splice trays  
Adapter bracket for 2/4 adapters (SFF/BFF)  
Accessory kit incl. cable ties  
Installation guide

### GENERAL DESCRIPTION

The Polaris-box 4 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 4 SCM has an integrated inlay for up to 12 splices, a secure splitter fixing possibility and an easy (click-on) mountable adapter bracket for 4 patch connections SC/LC. To separate splices from splitters or for additional splice capacity, four more FMTS-Compact splice trays can be retrofitted. The cable entry concept enables an easy installation of cables and micro ducts with diameters from ø 2.0 mm to ø 13.0 mm.

PRODUCT-NO	PRODUCT DESCRIPTION	PU
R891204	Polaris-box 4 SCM, with lock	1 pc
R891205	Polaris-box 4 SCM, without lock	1 pc

### TECHNICAL DATA

DESCRIPTION		VALUE / VALUE RANGE	STANDARD
Housing (Bottom & cover)	Material	Plastic PC/ASA	
	Color	RAL 7035, light gray	
Inlay	Material	Plastic PC/ASA	
	Color	RAL 7035, light gray	
Cable entry grommets	Material	Rubber TPE	
	Color	RAL 9005, black	
Adapter bracket and small parts (screws)	Material	Stainless steel A2	
Ingress protection IP	Housing	IP 65	
	Grommets	IP 65 (Modular) / IP 55 (Basic)	
Dimension [mm]	H x W x D	230 x 156 x 68	
Capacity	Splice	12 (Inlay) / 16 (4x4, FMTS-Compact)	
	Patch	4x BFF (SC-SX) / 2x SFF (LCD)	
Cable entries	Below	2x Main cable ø 3 – 13mm 2x Drop cable 12x ø 2 – 3mm 2x Cable gland M16	
	Side	2x Collocation bridge 2x Cable gland M16	

## Polaris-box 4 SCM

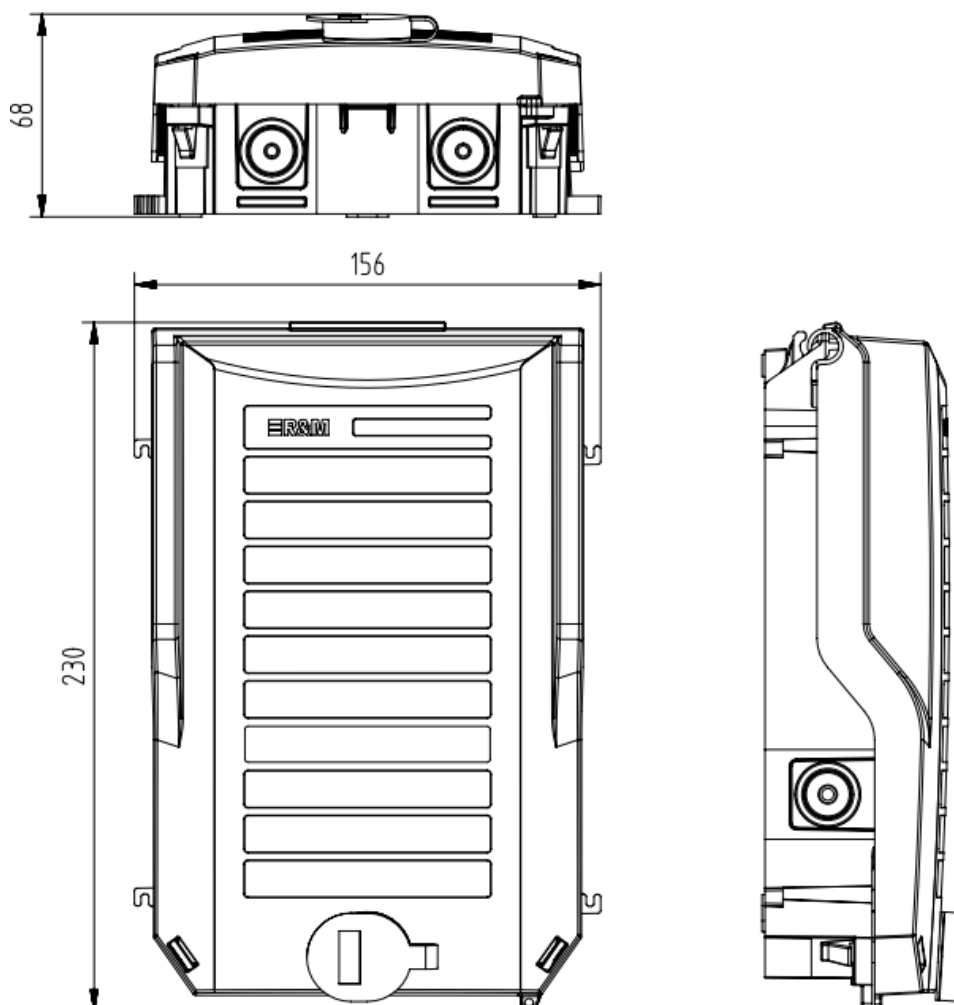
### CLIMATICAL DATA

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



## Polaris-box 4 SCM

### ACCESSORIES

	PRODUCT-NO	PRODUCT DESCRIPTION	PU
	R891210	Polaris-box 4 SCM, Fiber Separator	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 <ul style="list-style-type: none"> <li>• 2 strips à 30 marker clips "1"</li> <li>• 2 strips à 30 marker clips "2"</li> <li>• 1 strip à 30 marker clips "3"</li> <li>• 1 strip à 30 marker clips "4"</li> <li>• 1 strip à 30 marker clips "5"</li> <li>• 1 strip à 30 marker clips "6"</li> <li>• 1 strip à 30 marker clips "7"</li> <li>• 1 strip à 30 marker clips "8"</li> <li>• 1 strip à 30 marker clips "9"</li> <li>• 1 strip à 30 marker clips "0"</li> </ul>	1 pc.
	R815260	Marker Clip Set Red, D2.3-3.0mm <ul style="list-style-type: none"> <li>• 10 strips à 30 red marker clips</li> </ul>	1 pc.
	R815261	Marker Clip Set Green, D2.3-3.0mm <ul style="list-style-type: none"> <li>• 10 strips à 30 green marker clips</li> </ul>	1 pc.
	R815262	Marker Clip Set Yellow, D2.3-3.0mm <ul style="list-style-type: none"> <li>• 10 strips à 30 yellow marker clips</li> </ul>	1 pc.
	R815263	Marker Clip Set Blue, D2.3-3.0mm <ul style="list-style-type: none"> <li>• 10 strips à 30 blue marker clips</li> </ul>	1 pc.