

Polaris-box 24 SCM



SCOPE OF SUPPLY

Polaris-box 24 bottom and cover
Inlay for 24 FMTS-30 splice trays
FMTS-30 splice tray cover
Accessory kit incl. cable ties
Installation guide

GENERAL DESCRIPTION

The Polaris-box 24 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 24 SCM inlay has a capacity for up to 24 FMTS-30 splice trays and an easy (click-on) mountable adapter bracket for 12/24 patch connections SC, LC. 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 \varnothing 2.0 mm to \varnothing 16.0 mm.

PRODUCT-NO	PRODUCT DESCRIPTION	PU
R895055	Polaris-box 24 SCM, with lock	1 pc
R895056	Polaris-box 24 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	
Overlength brackets	Material	Aluminum	
Ingress protection IP	Housing	IP 65	
	Grommets	IP 65 (Modular) / IP 55 (Basic)	
Dimension [mm]	H x W x D	375 x 285 x 148	
Capacity	Splice	288 (24x12, FMTS-30)	
	Patch	12x BFF (SC) or SFF (LCD)	
Cable entries	Below	8x Main cable \varnothing 3 – 16mm	
		8x Drop cable 16x \varnothing 2 – 3mm	
	Top	2x Main cable \varnothing 3 – 13mm	
		2x Drop cable 12x \varnothing 2 – 3mm	
	Side	2x Collocation bridge	
		2x Cable gland M20/25	

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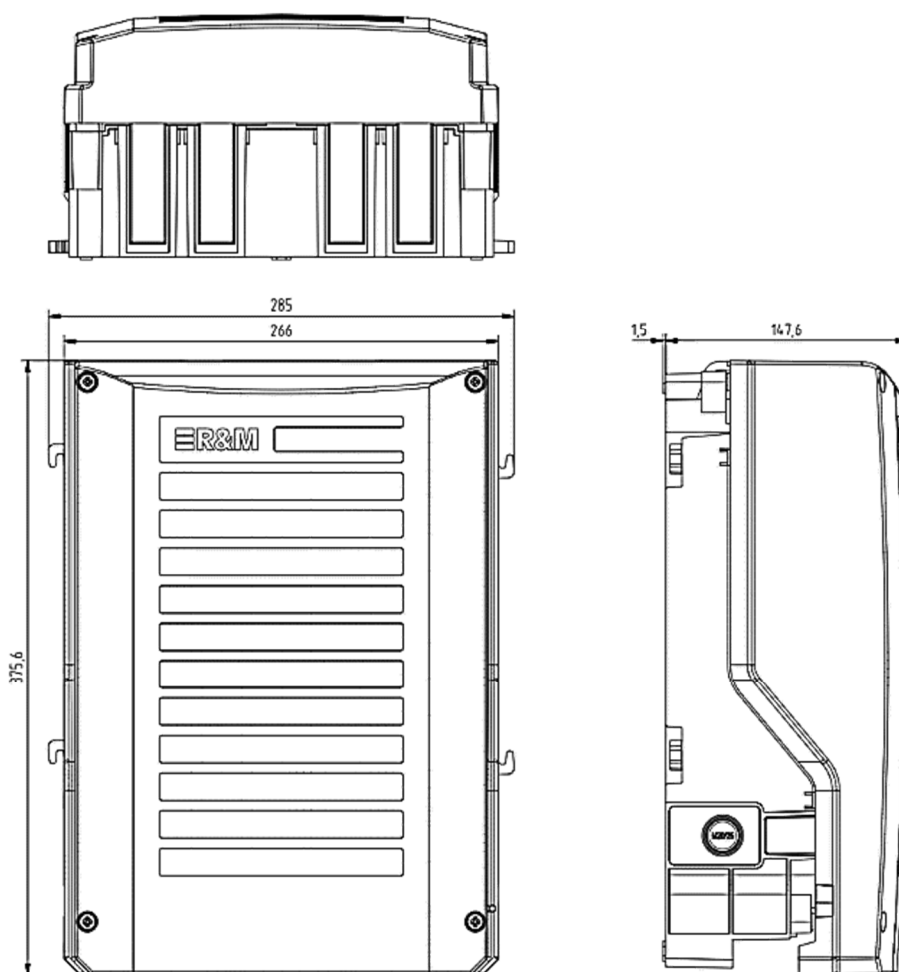
CLIMATICAL DATA

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



Polaris-box 24 SCM

ACCESSORIES

	PRODUCT-NO	PRODUCT DESCRIPTION	PU
	R895060	Polaris-box 24 SCM overlength holder kit <ul style="list-style-type: none"> 1 pc. Aluminum overlength holder 2 pcs. Nylon push-In rivet $\varnothing 6$, L2.5-4.0 	1 pc.
	R895063	Polaris-box 24 SCM adapter holder kit <ul style="list-style-type: none"> 1 pc. Adapter holder for 12x SFF/BFF 1 pc. Nylon push-In rivet $\varnothing 6$, L2.5-4.0 	1 pc.
	R820094	FMTS Splice tray 4x HS / 4x ANT, gray	12 pcs.
	R820095	FMTS Splice tray 12x HS, gray	12 pcs.
	R820096	FMTS Splice tray 12x ANT, gray	12 pcs.
	R820097	FMTS Splice tray Splitter, gray	12 pcs.
	R820098	FMTS Splice Tray Cover, gray	12 pcs.
	R830929	Marker Clip Set "0-9", White, D2.3-3.0mm <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 10 strips à 30 red marker clips 	1 pc.
	R815261	Marker Clip Set Green, D2.3-3.0mm <ul style="list-style-type: none"> 10 strips à 30 green marker clips 	1 pc.
	R815262	Marker Clip Set Yellow, D2.3-3.0mm <ul style="list-style-type: none"> 10 strips à 30 yellow marker clips 	1 pc.
	R815263	Marker Clip Set Blue, D2.3-3.0mm <ul style="list-style-type: none"> 10 strips à 30 blue marker clips 	1 pc.