

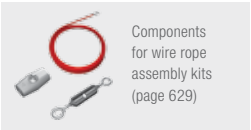
RP-QM90

Rope Pull Switches



- Heavy-duty switch housing withstands harsh environments
- Manual reset (Latch) design after the rope is pulled
- Rugged metal housing with protective earth terminal (IEC 60947-1)
- Switch activates if the rope is pulled, becomes loose or breaks
- Operates in a range up to 100 m
- Design meets positive opening requirements for rope pull switches (IEC 60947-5-1)

RP-QM90 Series Stop Control Device



Components
for wire rope
assembly kits
(page 629)

Max. Rope Length	Safety Contacts	Auxiliary Contacts	Action	Contact State				Model
100 m (50 m each side)	2 NC in 	2 NO in 	 	Safety		Auxiliary		RP-QM90F-100L
				1	2	1	2	
				open	open	closed	closed	
				open	open	closed	closed	

For more specifications see page 632.

Run Position

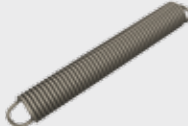
Cable Pulled

Cable Break

NC = Normally Closed Contact, NO = Normally Open Contact

RP-RM83 rope pulls comply with IEC 60947-5-1 Positive Opening requirements.
See data sheet or Contact Configuration and Switching Diagrams for more information/clarification.(page 633)
For dimensions see page 627.

Components for Wire Rope Assembly

	Models	Package Quantity	Description	Used With		
Wire Ropes		RPA-C1-10	10 m	2 mm steel wire rope with 0.5 mm red PVC jacket (unterminated)	RP-LM40 models	
		RPA-C1-20	20 m			
		RPA-C1-100	100 m			
		RPA-C2-10	10 m	3 mm steel wire rope with 0.25 mm red PVC jacket (unterminated)	- RP-LS42 models - RP-QM72/QMT72 models - RP-RM83 models	
		RPA-C2-20	20 m			
		RPA-C2-40	40 m			
		RPA-C2-50	50 m			
		RPA-C2-80	80 m			
		RPA-C3-20	20 m	4 mm steel wire rope with 0.5 mm red PVC jacket (unterminated)	RP-QM90 models	
		RPA-C3-100	100 m			
Thimbles		RPA-T1-4	4 pcs	Thimble for 2 mm wire rope	RP-LM40 models	
		RPA-T2-4	4 pcs	Thimble for 3 mm wire rope	- RP-LS42 models - RP-QM72/QMT72 models - RP-RM83 models	
		RPA-T3-4	4 pcs	Thimble for 4 mm wire rope	RP-QM90 models	
Clamps		RPA-CC1-4	4 pcs	Clamp for 2 mm wire rope	RP-LM40 models	
		RPA-CC2-4	4 pcs	Clamp for 3 mm wire rope	- RP-LS42 models - RP-QM72/QMT72 models - RP-RM83 models	
		RPA-CC3-4	4 pcs	Clamp for 4 mm wire rope	RP-QM90 models	
Turnbuckles		RPA-TA1-1	1 pc	#4 Turnbuckle	- RP-LM40 models - RP-LS42 models - RP-QM72/QMT72 models - RP-RM83 models	
		RPA-TA2-1	1 pc	#5 Turnbuckle	RP-QM90 models	
Eye Bolts		RPA-EB1-1	1 pc	1/4" - 20 Eye bolt (3" bolt shaft)	- RP-LM40 models - RP-LS42 models - RP-QM72/QMT72 models - RP-RM83 models	
		RPA-EB2-1	1 pc	5/16" - 18 Eye bolt (3" bolt shaft)	RP-QM90 models	
Pulleys	 RPA-P1-1	 RPA-DP1-1	1 pc	RPA-P1-1 Pulley for in-line use	RPA-DP1-1 Pulley for corner turns (< 180°)	- RP-LM40 models - RP-LS42 models - RP-QM72/QMT72 models - RP-RM83 models - RP-QM90 models
	Tensioning Springs		RPA-S1-1	1 pc	Tensioning Spring #1	RP-QM90 models
RPA-S2-1			1 pc	Tensioning Spring #2	RP-QM90 models	
RPA-S3-1			1 pc	Tensioning Spring #3	- RP-LS42 models (75 m) - RP-RM83 models (75 m)	
RPA-S5-1			1 pc	Tensioning Spring #5	RP-RM83 models (38 m)	
		RPA-S4-1	1 pc	Tensioning spring assembly with built-in eye bolt, cable thimble, clamp, tensioning and overload protection	- RP-LS42 models (75 m) - RP-RM83 models (75 m)	
	RPA-S6-1	1 pc	- RP-RM83 models (38 m) - RP-LS42 models (25 & 38 m)			
Terminal Cover	SI-LS42-COVER		Replacement terminal cover	RP-LS42 models		

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