

MODULAR SWITCH DISCONNECTORS



P1MS... TYPE

 **Lovato**
electric

ENERGY AND AUTOMATION



P1MS1P...



P1MS2P...



P1MS3P...



P1MS4P...

Order code	le	N° of DIN module	Qty per pkg	Wt
	[A]	n°	n°	[kg]
Modular switch disconnectors - 1P.				
P1MS1P032	32	1	12	0.083
P1MS1P040	40	1	12	0.083
P1MS1P063	63	1	12	0.083
P1MS1P100	100	1	12	0.083
P1MS1P125	125	1	12	0.083
Modular switch disconnectors - 2P.				
P1MS2P032	32	2	6	0.170
P1MS2P040	40	2	6	0.170
P1MS2P063	63	2	6	0.170
P1MS2P100	100	2	6	0.170
P1MS2P125	125	2	6	0.170
Modular switch disconnectors - 3P.				
P1MS3P032	32	3	4	0.250
P1MS3P040	40	3	4	0.250
P1MS3P063	63	3	4	0.250
P1MS3P100	100	3	4	0.250
P1MS3P125	125	3	4	0.250
Modular switch disconnectors - 4P.				
P1MS4P032	32	4	3	0.330
P1MS4P040	40	4	3	0.330
P1MS4P063	63	4	3	0.330
P1MS4P100	100	4	3	0.330
P1MS4P125	125	4	3	0.330

General characteristics

These devices are mainly used for disconnection and insulation of power lines and systems. They can also be used to switch various types of resistive and inductive loads.

Main features include:

- IEC rated current I_n: 32...125A
- Pole width: 17.5mm / 0.69"
- Clear contact status indication
- Wide terminals for easy wiring
- Auxiliary contacts can be mounted on left side and padlockable attachment
- Fixing on 35mm DIN rail (IEC/EN/BS 60715).

Operational characteristics

- Utilisation category: AC-22A
- IEC rated insulation voltage U_i: 1000V
- IEC rated impulse voltage U_{imp}: 4kV
- IEC rated operational voltage U_e: 1P 230...240V; 2P, 3P, 4P 400...440V
- IEC rated short-time withstand current I_{cw}: 12xI_e (for 1 second).

Certifications and compliance

Certifications obtained: TÜV-Rheinland, EAC.
Compliant with standards: IEC/EN/BS 60947-3.

Add-on blocks for switch disconnectors P1MS...



P1X1011S

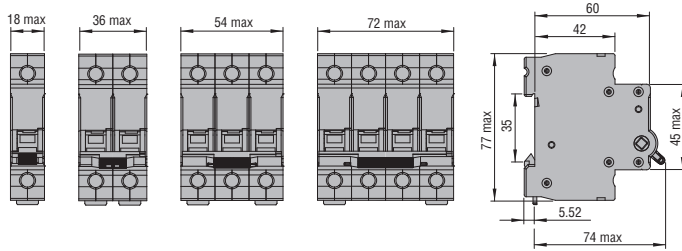


P1X1810

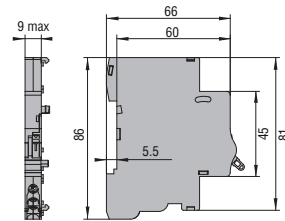
Order code	Description	Qty per breaker	Qty per pkg	Wt
	[A]	n°	n°	[kg]
P1X1011S	Auxiliary contact, 1 changeover contact	1	1	0.040
P1X1810	Padlockable attachment for breaker control lever P1MS...	1	10	0.001

Dimensions [mm]

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P1MS....

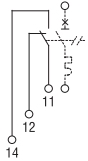


ACCESSORIES
Add-on contacts
P1X0111S



Wiring diagrams

P1X1011S



Technical characteristics

TYPE		P1MS...	
Description		Modular switch disconnectors	
Standards		IEC/EN/BS 60947-3	
IEC rated insulation voltage U_i	V	1000	
IEC rated impulse withstand voltage U_{imp}	kV	4	
IEC rated operational voltage U_e in AC	V	230...240 (1P) - 400...440V (2P, 3P, 4P)	
Retd frequency	Hz	50/60	
Maximum rated current	A	125	
Available rated current for types	A	30, 40, 63, 100, 125	
Versions		1P, 2P, 3P, 4P	
Mechanical life	cycle	20,000	
Maximum tightening torque of terminals	Nm	3.5	
	lb.in	31	
	Tool	PZ2	
Conductor section min...max.	mm ²	1...50	
	AWG	16...1	
AMBIENT CONDITIONS			
Temperature	Operating	°C	-25...+70
	Storage	°C	-25...+70
Max. altitude		m	2,000
Pollution degree			3
Mounting			35mm DIN rail (IEC/EN/BS 60715)

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