

MENNEKES Switch disconnectors in watertight enclosures

Colour: Grey (RAL 7000).

Enclosure made of **AMELAN®**.

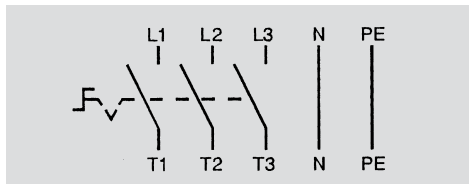
Protection type ▲▲IP 67 watertight

2 enclosure sizes

Two different enclosure sizes fitted with switch disconnectors are available.

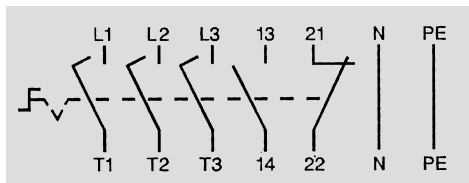
Standard types

All models are equipped as standard with three switched poles, a non-switched neutral and a safety earth contact.



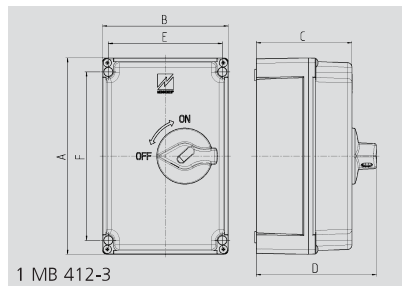
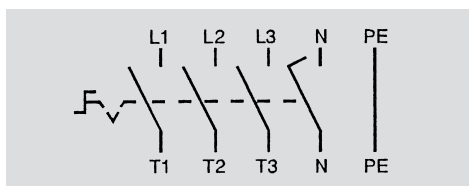
Auxiliary contacts

Disconnectors with additional auxiliary contact (1 x NO and 1 x NC) are marked in blue in the table below.



Further variations

e.g., switched neutral or early break / late make NO or NC contacts on request.



Accessories

Set of external mounting feet (4 pcs.)

For enclosure size 170 x 118 mm

Part no. 41450

For enclosure size 263 x 168.5 mm

Part no. 41449

Technical features:

- Rigid enclosures
Ample space for wiring
Padlocking facilities
Excellent switching capacity
- Disconnecting property in accordance with EN 60947 (up to 690V)
- Finger protection in accordance with DIN 57106 / VDE 0106 T.100
- Open terminals and captive terminal screws
- Option for additional contacts

Dimensions and part numbers

Products with additional auxiliary contact (1 x NO and 1 x NC) are marked in blue.

Rated current	BS Motor rating AC3/440V	Enclosure dimensions in mm				Part no.	Protection class IP
		A	B	C	D		
25A, 3p	7.5 kW	170	118	98	131	52241	IP 67
25A, 3p+HS	7.5 kW	170	118	98	131	52242	IP 67
40A, 3p	18.5 kW	263	168.5	130	161	52243	IP 67
40A, 3p+HS	18.5 kW	263	168.5	130	161	52244	IP 67
80A, 3p	30.0 kW	263	168.5	130	161	52245	IP 67
80A, 3p+HS	30.0 kW	263	168.5	130	161	52246	IP 67

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Data sheet				without	with	without	with	without	with
Switch disconnector				aux.	aux.	aux.	aux.	aux.	aux.
with / without auxiliary contact				contact	contact	contact	contact	contact	contact
Part no.				52241 / 52242	52243 / 52244	52245 / 52246			
Rated operational voltage U_e									
	IEC / EN / VDE / SEV			V	690	690	690		
	Main switch: Isol. voltage up to			V	690	690	690		
Rated continuous current I_u									
	IEC / EN / VDE			A	25	40	80		
Rated operational current I_e									
AC-21A	IEC / EN			A	25	40	80		
Rated operational power at 50 to 60 Hz									
AC-23A	IEC / EN / VDE								
	3 phase	220-240V	kW		5.5	11	18.5		
	3 pole	380-440V	kW		11	22	30		
		600-690V	kW		11	18.5	30		
AC-3	IEC / EN / VDE								
	3 phase	220-240V	kW		4	7.5	15		
	3 pole	380-440V	kW		7.5	18.5	30		
		600-690V	kW		7.5	15	30		
Rated breaking capacity									
AC-23A / AC-3 motor switch	220-240V	A		220	350	550			
	380-440V	A		220	350	550			
	600-690V	A		135	190	285			
Maximum fuse size (gL)									
				A	35	63	80		
Terminal cross section									
Single / multiple wire	min. mm ²				1.0	4	6		
	max. mm ²				6	16	35		
Multi-strand wire with sleeve	max. mm ²				4	10	25		
Switch disconnector									
with aux. contact	Part no.			52242	52244	52246			
Auxiliary module				V	500	690	690		
Rated operational voltage U_e									
Rated continuous current I_u				A	16	16	16		
Rated operational current I_e									
AC-15	IEC / EN	220-240V	A	2.5/1.5	6/3	6/4			
		380-440V							
Terminal cross section									
Single / multiple wire	min. mm ²				1.0	1.0	1.0		
Fine-strand wire with sleeve	max. mm ²				1.5	2.5	2.5		

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