



EME

Main and emergency on/off switches

EME5 are surface mountable rotary isolator switches intended for commercial / industrial applications. The switchgear is housed in a moulded enclosure with an IP65 sealing. The EME5 series includes product versions providing additional contacts (NO and NC type).

Key features

- 90° switching angle
- Product versions featuring NO and NC auxiliary contacts
- Easy cable connection via M20/25 knockouts
- Forced open contacts
- Fulfils load break requirements up to 690 VAC
- Terminal screws in open position
- Padlockable in off-position



Article codes

Article code	Switching diagram	Operational current AC21A*	Operational power 400 VAC/AC3*	Poles	NO contact	NC contact	Reference code
EME5-20-2100	61192	20 A	2,2 kW	2	-	-	UKPNO-3P20A
EME5-20-4100	61194	20 A	3,7 kW	4	-	-	UKPNO-4P20A
EME5-20-2111	41211	20 A	3 kW	2	1	1	UKPN1-3P20A/11
EME5-20-4111	41411	20 A	5,5 kW	4	1	1	UKPN1-4P20A/11
EME5-40-4111	41411	40 A	15 kW	4	1	1	UKPN3-4P40A/11
EME5-63-4111	41411	63 A	30 kW	4	1	1	UKPN3-4P63A/11

***Application categories:**

- AC21A Switching resistive loads including low overloads
- AC3 Squirrel-cage motors: starting, switching off, running motors

Technical specifications

Protection standard	IP65 (according to EN 60529)	
Ambient conditions	Temperature	25—40 °C
	Rel. humidity	≤50% rH (at +40 °C) ≤90% rH (at +20 °C) (non-condensing)

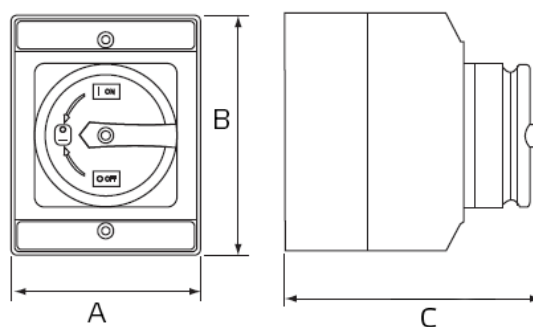
Area of use

- Security switches for fans and HVAC equipment (e.g. roof fans, box fans, air handling units etc.)
- Suitable for use as on/off or maintenance switches

Standards



Fixing and dimensions



Article code	A [mm]	B [mm]	C [mm]
EME5-20-2100	100	125	120
EME5-20-4100	100	125	120
EME5-20-2111	100	125	120
EME5-20-4111	100	125	120
EME5-40-4111	114	175	135
EME5-63-4111	114	175	135



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Switch schemes

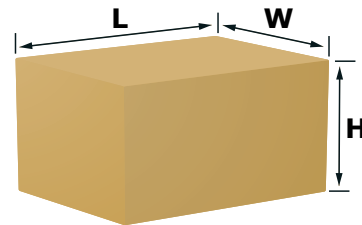
Switching diagram 41211					Switching diagram 41411							
41211	14	22	1/L1	5/L3	41411	14	22	1/L1	3/L2	5/L3	N	
O OFF	13	21	2/T1	6/T3	O OFF	13	21	2/T1	4/T2	6/T3	N	
I on	X		X	X	I on	X		X	X	X	X	

Switching diagram 61192			Switching diagram 61194						
61192	1	3	61194	1	3	5	7		
O OFF			O OFF						
I on	X	X	I on	X	X	X	X		

Switching diagram 41411



Packaging



Article	Packaging	Length [mm]	Width [mm]	Height [mm]	Net weight	Gross weight
EME5-20-2100	Unit (1 pc.)	130	105	125	0,43 kg	0,48 kg
	Carton (20 pcs.)	550	271	271	11 kg	12 kg
EME5-20-4100	Unit (1 pc.)	130	105	125	0,43 kg	0,48 kg
	Carton (20 pcs.)	550	271	271	11 kg	12 kg
EME5-20-2111	Unit (1 pc.)	130	105	125	0,43 kg	0,48 kg
	Carton (20 pcs.)	550	271	271	11 kg	12 kg
EME5-20-4111	Unit (1 pc.)	130	105	125	0,43 kg	0,48 kg
	Carton (20 pcs.)	550	271	271	11 kg	12 kg
EME5-40-4111	Unit (1 pc.)	180	120	135	0,73 kg	0,8 kg
	Carton (20 pcs.)	621	371	300	17,2 kg	18 kg
EME5-63-4111	Unit (1 pc.)	180	120	135	0,73 kg	0,8 kg
	Carton (20 pcs.)	621	371	300	17,2 kg	18 kg

Global trade item numbers (GTIN)

Article	Unit
EME5-20-2100	05401003002278
EME5-20-4100	05401003002292
EME5-20-2111	05401003002285
EME5-20-4111	05401003002308
EME5-40-4111	05401003002315
EME5-63-4111	05401003002322