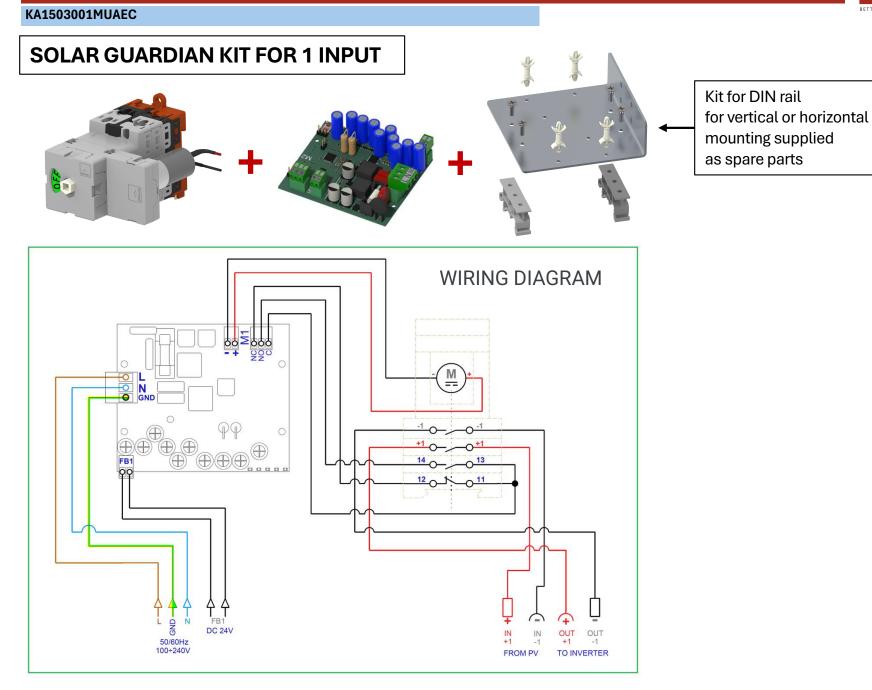
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BETTER SWITCHES

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> Static window

DX150301MUAEDSC

Disconnect switch

Technical data according to IEC 60947-3:2021				
Utilization category			PV1 (DC-21B)	PV2
Rated operational voltage	Ue	V dc	1500	1500
Rated operational current	le	А	20	8
Rated operational voltage (second rating)	Ue	V dc	1300	1300
Rated operational current (second rating)	le	Α	25	10
Rated operational voltage (third rating)	Ue	Vdc	1250	1250
Rated operational current (third rating)	le	Α	30	12
Rated operational voltage (fourth rating)	Ue	V dc	1000	1000
Rated operational current (fourth rating)	le	Α	50	20
Rated operational voltage (fifth rating)	Ue	V dc	-	800
Rated operational current (fifth rating)	le	Α	-	30
Rated operational voltage (sixth rating)	Ue	V dc	-	700
Rated operational current (sixth rating)	le	Α	-	40
Rated thermal current	lth	Α	50	-
DC Poles		Nr.	2	
Rated conditional short-circuit current		kA	5	
Rated insulation voltage	Ui	Vdc	1500	
Rated impulse withstand voltage	Uimp	kV	8	
Rated short-time withstand current (1 s)	Icw	A	780	1
Rated short-circuit making capacity	Icm	kA	1,4	
Power loss per layer at 20 A / 50 A	lem	W	0.2/1.25	
Maximum size of the fuse for the short-circuit protection	gPV	A	50	
Mechanical characteristics	gr v	~	50	
ype of mounting		Nia	For direct operation With pre-mounted status indicator	
Layers		Nr.	4	
Ferminal screws orientation			Head up	
External metal parts (screws, shaft)		2	Stainless steel	
Cross-section of flexible/solid wires	Max.	mm² AWG	2x 6 2x 10	
Cross-section of wires with fork lug	Max.	mm² AWG	1x 16 1x 6	
Connection cable length from PCB to motor (+/-)	Length	mm	~250)
and connection cable length of NO-NC auxiliary switches	Section	mm ² / AWG	0,5/	20
	Note		Not supplied	
	solid wire/stranded	mm²	0,129-1,31	
FB1 and FB2 signal connection cables	wire - min. / max.	AWG	26-16	
	maximum length allowed	m	50	
Minimum required fine wire cross-section: IEC 60947-1, table 9	1			
Ferminal screws type			M4 – PH2	
Ferminal screws tightening torque		Nm	1,7±10%	
Net weight		g	370)
Protection degree IEC 529 EN 60529				
Fo the terminal			IP2	0
Ambient conditions				
Pollution degree ins.			2	
Operational ambient temperature		°C	-30 ÷ +50	
Storage ambient temperature		°C	-30 ÷ +85	
Damp heat test IEC 60068-2-30			90-100% RH at +55 °C	

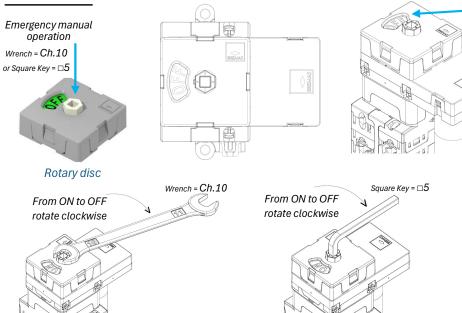
Motor driven actuator

CE

Motor characteristics				
Rated operational voltage	Ue	Vdc	24 ±5%	
Rated operational current	le	A	0,4	
Stall current	Max.	A	1,4	
Free-load current		A	0,10	
Free-load speed	Max.	rpm	20 ±3	
Rated load current		A	0,15	
Rated load speed		rpm	17,6 ±2	
Output power at Max. efficiency		W	1,55	
Terminal type			Solder (supplied with wiring)	
Pre-soldered cables length		mm	300	
Protection degree to the terminals			IP00*	
Operating features				
Rotation direction		Clockwise (90deg)		
Position (status indicator)		Rotary disc with static window at 09:00 o'clock		

* Pre soldered wiring with heat-shrink sheath

Status indicator



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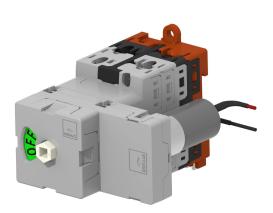


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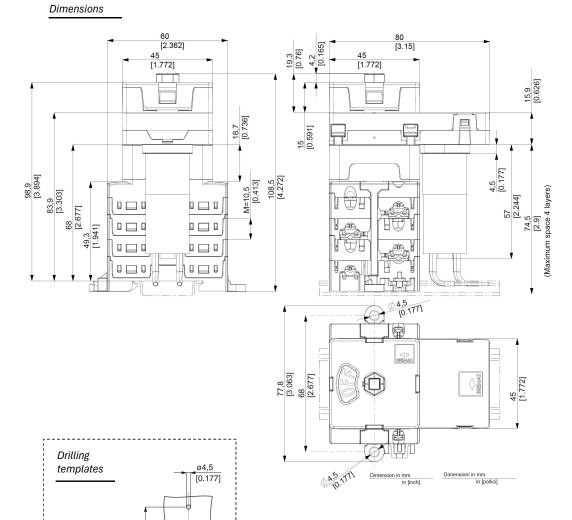
DX150301MUAEDSC

Product image



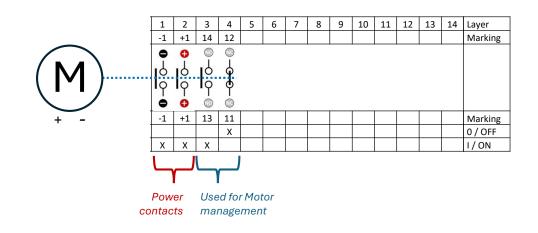


Screwdriver orientation for terminal fixing



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Electrical Diagram



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68 [2.677]

ø4,5

[0.177]

7,5

35

[1.378]



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Technical data

CE

AC supply				
Voltage range		V ac	100240	
Rated operational voltage		V ac	230 ±5%	
Frequency range		Hz	50/60	
Rated operational current (stand-by)		mA	≅ 20	
Rated operational current (peak)	Max.	mA	≅ 400	
Overvoltage protection		V ac	275 (varistor)	
Functional data				
Capacitors charging time	Max.	S	÷18	
FB terminals (J3-J14) – Electrical parameters	Max.		24 Vdc – 100 mA	
Temperature for automatic shutdown		°C	+100	
Mechanical characteristics				
Dimensions (L x H x P)		mm	84 x 72 x 25	
Net weight		g	76 (FSEB1M) - 81 (FSEB2M)	
	Max	mm ²	2	
Cross-section of flexible/solid wires (J1 terminal)		AWG	14	
Cross section of flouible (solid using (10, 10, 10, 111, 110, 114 terminals)	Max.	mm ²	1,3	
Cross-section of flexible/solid wires (J2-J3-J9-J11-J12-J14 terminals)		AWG	16	
Ambient conditions				
Operational ambient temperature		°C	-30 ÷ +50	
Storage ambient temperature		°C	-30 ÷ +85	
Humidity			90-100% RH at +55 °C	

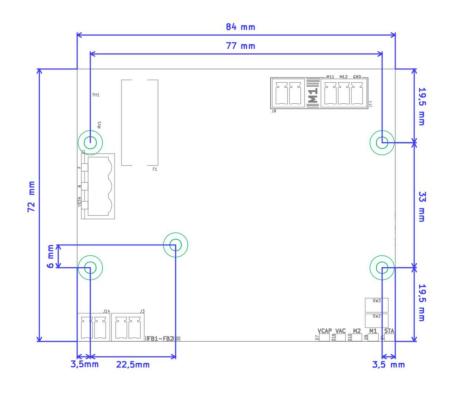
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Dimensions

FSEB1M

Electronic board Product image



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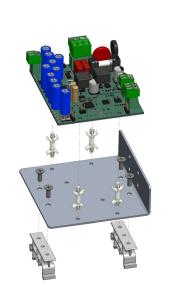
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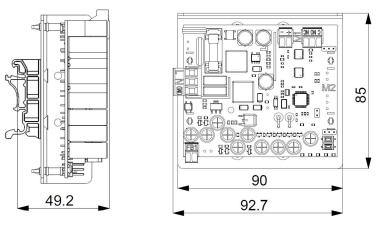


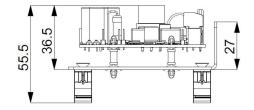
DIN support

Horizontal mounting



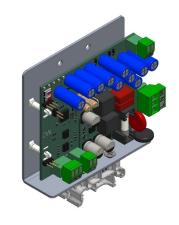


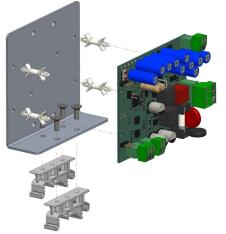




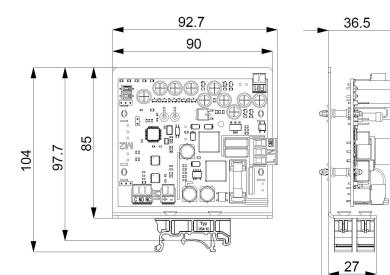
CE







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