

Type				MESB-20NO	MESB-24NO	MESB-40NO	MESB-63NO				
Main contacts	Rated insulation voltage		U_i	V	440	440	500	500			
			U_{imp}	kV	4	4	4	4			
	Rated thermal current		I_{th}	A	20	24	40	63			
	AC1	Rated operational current		I_e	A	20	24	40	63		
	AC7a	Operational power rating			kW	230 V	4	9	16	24	
		400 V				-	16	26	40		
	AC3	Operational power rating			kW	230 V	1.3	2.2	5.5	8.5	
	AC7b	400 V				only for NO	4	11	15		
	DC1	Rated operational current at:		1 pole	I_e	A	$U_e = 24 V$	20	24	40	63
							$U_e = 110 V$	1	2	4	4
$U_e = 220 V$							0.5	0.5	0.8	0.8	
		2 poles connected in series	I_e	A	$U_e = 24 V$	20	24	40	63		
					$U_e = 110 V$	3	4	10	10		
					$U_e = 220 V$	1.5	1.5	6	6		
		3 poles connected in series	I_e	A	$U_e = 24 V$	-	24	40	63		
					$U_e = 110 V$	-	6	30	35		
		4 poles connected in series	I_e	A	$U_e = 220 V$	-	2.5	20	30		
					$U_e = 24 V$	-	24	40	63		
			I_e	A	$U_e = 110 V$	-	6	40	63		
					$U_e = 220 V$	-	3.5	40	63		

Type				MESB-20NO	MESB-24NO	MESB-40NO	MESB-63NO		
Auxiliary contacts	Rated insulation voltage		U_i	V	440	440	500	500	
			U_{imp}	kV	4	4	4	4	
	AC15 Rated operational current		230 V		6	6	6	6	
		400 V		4	4	4	4		
Magnetic system	Standard control voltage		$U_c = 220/230 V$		AC, DC	AC, DC	AC, DC	AC, DC	
	Coil consumption				W	2.2	4	5	5
			Closing delay		ms	15 - 30	25 - 35	15 - 20	15 - 20
		Opening delay		ms	40 - 45	30 - 40	35 - 45	35 - 45	
Terminals	Contacts	Terminal capacity		single stranded	mm^2	1 ... 4	1 ... 4	1 ... 25	1 ... 25
						fine-stranded		1 ... 4	1 ... 4
		Connection screws (± screws) - posidrive					M3,5 size 1	M3,5 size 1	M5 size 2
	Maximal torque				Nm	1.2	1.2	2	2
	Coil	Terminal capacity		single stranded	mm^2	1 ... 2,5	1 ... 2,5	1 ... 4	1 ... 4
						fine-stranded		1 ... 2,5	1 ... 2,5
Connection screws (± screws) - posidrive					M3,5 size 1	M3,5 size 1	M3 size 1	M3 size 1	
Maximal torque				Nm	1.2	1.2	2	2	

OPTIONAL SWITCHES PER CONNECTION OF LAMPS/
 MAXIMUM NUMBER OF LAMPS PER POLE

Type		MESB-20NO	MESB-24NO	MESB-40NO	MESB-63NO
Incandescent lamps	60 W	21	25	65	85
	100 W	13	15	40	50
	200 W	7	7	20	25
	500 W	3	3	8	10
	1000 W	1	1	4	5
Energy saving lamps	7 W	10	15	100	150
	11 W	10	15	100	150
	15 W	5	15	100	150
	20 W	3	10	70	70
Halogen lamps	200 W	-	5	15	20
	300 W	-	3	10	13
	500 W	-	2	6	8
	1000 W	-	1	3	4
Low pressure sodium-vapour lamps (uncompensated)	35 W	5	6	13	20
	55 W	5	6	13	20
	90 W	3	4	9	14
	135 W	2	3	6	9
	180 W	3	3	6	9
High pressure sodium-vapour lamps (uncompensated)	50 W	12	12	24	38
	70 W	10	10	20	30
	110 W	8	7	16	25
	150 W	6	5	10	16
	250 W	3	3	6	10
	400 W	2	2	4	6
	1000 W	1	-	2	3

Type		MESB-20NO	MESB-24NO	MESB-40NO	MESB-63NO
Low pressure sodium-vapour lamps (compensated)	35W	1	1	10	16
	55 W	1	1	10	16
	90 W	-	1	8	12
	135 W	-	-	4	7
	180 W	-	-	4	7
High pressure sodium-vapour lamps (compensated)	50 W	3	3	22	33
	70 W	2	3	18	27
	110 W	2	2	18	27
	150 W	1	1	10	16
	250 W	-	1	6	9
	400 W	-	-	4	7
	1000 W	-	-	2	3
Fluorescent lamps (uncompensated)	18 W	24	24	90	140
	36 W	17	20	65	95
	58 W	10	13	40	60
Fluorescent lamps	18 W	6	8	45	70

Fluorescent lamps (compensated)	18 W	6	8	45	70
	36 W	6	8	45	70
	58 W	4	5	25	43
Fluorescent lamps (dual fitted)	18 W	2 x 22	2 x 48	2 x 100	2 x 150
	36 W	2 x 17	2 x 24	2 x 65	2 x 95
	58 W	2 x 10	2 x 15	2 x 40	2 x 60
Fluorescent lamps with electronic starting device AC - operation	1 x 18 W	22	30	60	80
	1 x 36 W	12	16	30	42
	1 x 58 W	8	12	22	30
	2 x 18 W	23	32	40	48
	2 x 36 W	12	16	20	26
	2 x 58 W	7	10	10	18