

## Auxiliary Contacts, Accessories

### Technical Data

Auxiliary contacts			DIL00(A)(B)M-01 DIL00(A)(B)M-10 ..SDILM	..DILM	DILM820-XHI...	DILP800-XHI
Rated impulse withstand voltage $U_{imp}$	V		6000	6000	6000	6000
Overvoltage category/ pollution degree			III/3	III/3	III/3	III/3
Rated insulation voltage $U_i$	V AC		690	690	690	690
Rated operational voltage $U_e$	V AC		500	500	500	690
Safe isolation to IEC 536						
between coil and auxiliary contacts	V AC		440	440	440	1000
between the auxiliary contacts	V AC		440	440	440	400
Rated operational current $I_e$						
AC-15	200/240 V	A	6	6	6	6
	380/415 V	A	4	4	4	4
	500 V	A	1.5	1.5	1.5	1
DC-13 <sup>1)</sup> L/R ≤ 15ms	24 V	A	10	10	10	6
	60 V	A	6	6	6	4
	110 V	A	3	3	3	1.8
	220 V	A	1	1	1	0.6
Conventional thermal current $I_{th}$	A		16	16	10	10
Control circuit reliability at $U_e = 24$ V DC, $U_{min} = 17$ V, $I_{min} = 5.4$ mA						
Fault probability $H_f$			<10 <sup>8</sup> , <1 fault in 100 million operations			
Component lifespan						
$U_e = 230$ V, AC-15, 3 A	Operations	×10 <sup>6</sup>	DILR diagram → Page 04/032	DILR diagram → Page 04/032	DILR diagram → Page 04/032	0.5
Short-circuit rating without welding Maximum fuse <sup>2)</sup>		A gG/gL	16	16	16	10
Max. overcurrent protective device	220/230 V	Using FAZ-C	-	4	4	-

Paralleling links			P1DILEM P1DIL00M	P1DIL0M	P1DIL1M	P1DIL2M	P1DIL3M	P1DIL4M
<b>Terminal capacity</b> (1 or 2 conductors can be connected)								
Solid		mm <sup>2</sup>	1 - 16	1 - 16	16	16	1 - 16	-
	Flexible with ferrule	mm <sup>2</sup>	1 × (0.5 - 25)	1 × (0.5 - 50)	1 × (6 - 95)	1 × (6 - 150)	-	-
Stranded		mm <sup>2</sup>	2 × (0.5 - 16)	2 × (0.5 - 16)	2 × (6 - 25)	2 × (6 - 50)	-	-
		mm <sup>2</sup>	1 × (0.5 - 25)	1 × (0.5 - 50)	1 × (6 - 95)	1 × (6 - 150)	1 × (16 - 185)	1 × (30 - 300)
Flat conductor		mm <sup>2</sup>	2 × (0.5 - 16)	2 × (0.5 - 16)	2 × (6 - 25)	2 × (6 - 50)	2 × (10 - 95)	2 × (70 - 120)
		mm	6 × 9 × 0.8	6 × 9 × 0.8	-	-	2 × (10 × 16 × 0.8)	2 × (11 × 21 × 1)

Cable terminal block			DILM225-XKU-S	DILM400-XKU-S	DILM185-XP1	DILM650-XKB-S	DILM820-XKB-S
<b>Terminal capacity</b>							
Stranded		mm <sup>2</sup>	1 × (16 - 185)	1 × (70 - 300)	-	-	-
		mm <sup>2</sup>	2 × (16 - 150)	2 × (70 - 240)	-	-	-
Stranded		AWG	1 × (6 - 350 MCM)	1 × (00 - 600 MCM)	-	-	-
		AWG	2 × (6 - 300 MCM)	2 × (00 - 500 MCM)	-	-	-
Flat conductor	Min.	mm	1 × (3 × 9 × 0.8)	1 × (6 × 9 × 0.8)	1 × (6 × 16 × 0.8)	1 × (6 × 16 × 0.8)	1 × (6 × 16 × 0.8)
	Max.	mm	2 × (10 × 16 × 0.8)	2 × (20 × 24 × 0.5)	2 × (20 × 32 × 0.5)	2 × (20 × 32 × 0.5)	2 × (10 × 40 × 1)
				2 × (11 × 21 × 1)	2 × (11 × 21 × 1)	2 × (11 × 21 × 1)	2 × (20 × 40 × 0.5)
<b>Control circuit cables</b>							
Solid		mm <sup>2</sup>	1(2) × (0.75 - 4)				
Flexible with ferrule		mm <sup>2</sup>	1(2) × (0.75 - 2.5)				

## Notes

- 1) Making and breaking currents to DC-13, time constant as stated
- 2) See transparent overlay "Fuses" for time/current characteristics (please enquire)