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[1] 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			$<10^8$, <1 fault in 100 million operations			
Component lifespan						
U_e = 230 V, AC-15, 3 A	Operations	×10⁶	DILR diagram → Page 04/032	DILR diagram → Page 04/032	DILR diagram → Page 04/032	0.5
Short-circuit rating without welding Maximum fuse[2]		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
Terminal capacity (1 or 2 conductors can be connected)								
Solid		mm²	1 – 16	1 – 16	16	16	1 – 16	–
Flexible with ferrule		mm²	1 × (0.5 – 25)	1 × (0.5 – 50)	1×(6–95)	1×(6–150)	–	–
		mm²	2 × (0.5 – 16)	2 × (0.5 – 16)	2×(6–25)	2×(6–50)	–	–
Stranded		mm²	1 × (0.5 – 25)	1 × (0.5 – 50)	1×(6–95)	1×(6–150)	1×(16–185)	1×(30 – 300)
		mm²	2 × (0.5 – 16)	2 × (0.5 – 16)	2×(6–25)	2×(6–50)	2×(10 – 95)	2×(70 – 120)
Flat conductor		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
Terminal capacity							
Stranded		mm²	1×(16–185)	1 × (70 – 300)	–	–	–
		mm²	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)
Control circuit cables							
Solid		mm²	1(2) × (0.75 – 4)				
Flexible with ferrule		mm²	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)