

			DILA	DILA...XHI	DILER-...	...DILE		
Contacts								
Positive operating contacts to ZH 1/457, including auxiliary contact module			Yes	Yes	Yes	Yes		
Rated impulse withstand voltage	U_{imp}	V AC	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	690	500	600	600		
Safe isolation to VDE 0106 Part 101 and Part 101/A1								
between coil and auxiliary contacts		V AC	400	400	300	300		
between the auxiliary contacts		V AC	400	400	300	300		
Rated operational current								
AC-15	220/240 V	I_e	A	6	6	6	4	
	380/415 V	I_e	A	4	3	3	2	
	500 V	I_e	A	1.5	–	1.5	1.5	
DC-13 ¹⁾	DC-13 L/R – 15 ms							
	Contacts in series:							
	1	24 V	A	10	10	2.5	2.5	
	1	60 V	A	6	6	–	–	
	2	60 V	A	10	10	2.5	2.5	
	1	110 V	A	3	3	–	–	
	3	110 V	A	6	6	1.5	1.5	
	1	220 V	A	1	1	–	–	
	3	220 V	A	5	5	0.5	0.5	
	DC-13 L/R – 50 ms							
	Contacts in series:							
	3	24 V	A	4	–	–	–	
	3	60 V	A	4	–	–	–	
	3	110 V	A	2	–	–	–	
3	220 V	A	1	–	–	–		
Control circuit reliability (at $U_e = 24$ V DC, $U_{min} = 17$ V, $I_{min} = 5.4$ mA)			Failure rate	λ	<10 ⁻⁸ , < one failure at 100 million operations			
Conventional thermal current			I_{th}	A	16	16	10	10
Short-circuit rating without welding								
Maximum overcurrent protective device								
220/240 V		PKZM0	4	–	4	4		
380/415 V		PKZM0	4	–	4	4		
Short-circuit protection maximum fuse ²⁾								
500 V		A gG/gL	10	10	6	6		
500 V		A fast	–	–	10	10		
Current heat loss at I_{th}								
AC operated		W	0.3	0.3	0.2	0.2		
DC operated		W	0.3	0.3	0.3	0.3		

Notes

¹⁾ Making and breaking conditions to DC-13, time constant as stated

²⁾ See transparent overlay "Fuses" for time/current characteristics (please enquire)

