

Mini contactor relays, contactor combinations

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Moeller HPL0211-2007/2008

DILEM

				DILEM4	DILEM4-G
<b>Auxiliary contacts</b>					
Positive operating contacts to ZH 1/457, including auxiliary contact module				Yes	Yes
Rated impulse withstand voltage		$U_{imp}$	V AC	6000	6000
Overvoltage category/pollution degree				III/3	III/3
Rated insulation voltage		$U_i$	V AC	690	690
Rated operational voltage		$U_e$	V AC	600	600
Safe isolation to VDE 0106 Part 101 and Part 101/A1					
between coil and auxiliary contacts			V AC	300	300
between the auxiliary contacts			V AC	300	300
Rated operational current					
AC-15	220/240 V	$I_e$	A	6	4
		$I_e$	A	3	2
	380/415 V	$I_e$	A	1.5	1.5
DC-13	1	24 V	A	2.5	2.5
DC-13 L/R ≤ 15 ms	2	60 V	A	2.5	2.5
Contacts in series:	3	100 V	A	1.5	1.5
	3	220 V	A	0.5	0.5
Conventional thermal current				$I_{th}$	A
Control circuit reliability (at $U_e = 24$ V DC, $U_{min} = 17$ V, $I_{min} = 5.4$ mA)				$\lambda$	Failure rate
				<10 <sup>-8</sup> , < one failure at 100 million operations	
Component lifespan at $U_e = 240$ V					
AC-15		Operations	× 10 <sup>6</sup>	0.2	0.2
DC-13 <sup>1)</sup>	L/R = 50 ms: 2 contacts in series at $I_e = 0.5$ A	Operations	× 10 <sup>6</sup>	0.15	0.15
Short-circuit rating without welding					
Maximum overcurrent protective device				PKZM0-4	PKZM0-4
Short-circuit protection maximum fuse			500 V	A gG/gL	6
			500 V	A fast	10
Current heat loss at $I_{th}$					
Per contact				W	0.2

Notes

<sup>1)</sup> Making and breaking conditions to DC-13, time L/R constant as stated

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