

Amplifier module, timer module, contactor monitoring device

http://catalog.moeller.net

Moeller HPL0211-2007/2008

ETS-VS3, DILM, CMD

				ETS4-VS3	DILM32-XTE	CMD	
<b>General</b>							
Standards				IEC/EN 60947, VDE 0660, UL, CSA	DIN EN 61812, IEC/EN 60947, VDE 0660, UL, CSA	IEC/EN 60947 UL CSA	
Lifespan, mechanical							
AC operated	Operations	× 10 <sup>6</sup>	–	3	10		
DC operated	Operations	× 10 <sup>6</sup>	30	3	10		
Maximum operating frequency							
DC operated	Operations	× 10 <sup>6</sup>	72000	–	9000		
Climatic proofing				Damp heat, constant, to IEC 60068-2-78; Damp heat, cyclic, to IEC 60068-2-30			
Ambient temperature							
Storage		°C	–	–40...80	–40...80		
Open		°C	–25...60	–25...60	–25...60		
Enclosed		°C	–25...45	–25...40	–25...40		
Mounting position				As required	As required, not suspended	as required	
Mechanical shock resistance (IEC/EN 60068-2-27)							
Half-sinusoidal shock, 20 ms							
	N/O contact	g	10	–	–		
Half-sinusoidal shock, 10 ms							
	N/O contact	g	–	6	4		
	N/C contact	g	–	6	4		
Protection type				IP20	IP 20	IP20	
Protection against direct contact when actuated from front (IEC 536)				Finger- and back-of-hand proof			
Weight				kg	0.09	0.08	0.1
Terminal capacities							
Solid				mm <sup>2</sup>	1 × (0.75 – 2.5) 2 × (0.75 – 2.5)	1 × (0.75 – 2.5) 2 × (0.75 – 1.5)	1 × (0.75...2.5) 2 × (0.75...1.5)
Flexible with ferrule				mm <sup>2</sup>	1 × (0.75 – 2.5) 2 × (0.75 – 1.5)	1 × (0.75 – 1.5) 2 × (0.75 – 1.5)	1 × (0.75...1.5) 2 × (0.75...1.5)
Solid or stranded				AWG	16 – 14	18 – 14	18...14
Terminal screw					M3.5	M3.5	M3.5
Pozidriv screwdriver				Size	2	2	2
Standard screwdriver				mm	0.8 × 5.5 1 × 6	0.8 × 5.5 1 × 6	0.8 × 5.5 1 × 6
Max. tightening torque				Nm	1.2	1.2	1.2

Notes

<sup>1)</sup> For pick-up voltage, DC operated: Pure DC, AC bridge rectifier or smoothed double-wave rectification.

Contactors

