

Overview MVL series

General data: Creepage distances: Unitro-Standard
 Degree of protection: IP20
 Climatic conditions: Unitro-Standard
 EMC-values: Unitro-Standard
 Status indication with LEDs
 Transparent cover with transparent technology



Type Function	MVL 8/0	MVL 0/8	MVL 4/4	MVL 24/0	MVL PM	MVL DCF	MVL-TW
	8x dig. Inputs	8x dig. Inputs	4x dig. In- and Outputs	24x dig. Inputs	3-phase current and power monitoring module 3x dig. In- and Outputs	year time switch 16 output channels 800 switching times 10-level priority switching, personal holiday list	Terminator for TP / FT networks
Dimensions in mm	106x90x58	106x90x58	106x90x58	160x90x58	160x90x58	106x90x58	17,5x90x58
Weight approx.	300g	300g	300g	360g	300g	300g	100g
Connection	Screw-type terminals 2,5mm ²	Screw-type terminals 2,5mm ²	Screw-type terminals 2,5mm ²	Screw-type terminals/ plug connection 2,5mm ²	Screw-type terminals 4 mm ²	Screw-type terminals/ plug connection 2,5mm ²	Screw-type terminals/ plug connection 2,5mm ²
Power supply	18-50V AC/ 19-72V DC or 85-265V AC/ 85-250V DC, 100mA	18-50V AC/ 19-72V DC or 85-265V AC/ 85-250V DC, 100mA	18-50V AC/ 19-72V DC or 85-265V AC/ 85-250V DC, 100mA	14-28V AC/ 19-36V DC or 85-265V AC/ 85-250V DC, 100mA	85-265V AC/ 85-250V DC, 5VA	18-50V AC/ 19-72V DC or 85-265V AC/ 85-250V DC, 100mA	
Isolated inputs	24V DC, 5mA or internal supplied 2000V _{rms} and/or S0 counting value inputs (17Hz)		24V DC, 5mA or internal supplied 2000V _{rms} and/or S0 counting value inputs (17Hz)	24V DC, 5mA or 230V AC, 5mA 2000V _{rms}	3x 230V AC, 8mA isolation by optocouplers 2000V _{rms}		
Isolated outputs		Normally open contacts max. 250V AC, 5A 25V DC, 5A 2000V _{rms}	Normally open contacts max. 250V AC, 5A 25V DC, 5A 2000V _{rms}		Normally open contacts max. 250V AC, 16A (L1, L2, L3) inrush current max. 120A, 20ms qualified to switch max. 8 EVG 2000V _{rms}	16 output channels via LON-bus (SNVT_switch) for 800 switching times	
Neuron chip	3150 / 10MHz	3150 / 10MHz	3150 / 10MHz	3150 / 10MHz	3150 / 10MHz	3150 / 10MHz	
Memory capacity	64kB Flash	64kB Flash	64kB Flash	64kB Flash	64kB Flash	64kB Flash	
Bus-transceiver	FT-X	FT-X	FT-X	FT-X	FTT 10A TP	FTT 10A TP	
Available software. Standard software packages on the internet	lighting control blind control S0-counter capture incl. LNS 3.x PlugIns	lighting control blind control incl. LNS 3.x PlugIns	lighting control blind control S0-counter capture incl. LNS 3.x PlugIns	acquisition module e.g. for: ME 24-P LED LON and C3text also without binding	software for lighting control and monitoring of lamp failures	incl. software and LNS 3.x PlugIn	Terminator for TP / FT networks (FTT10/LPT10). Jumper-selectable bus topology or free topology