



Data Sheet

# M-Relay

MR100-S/MR100-T



Items	Unit	MR100-S	MR100-T
<b>Electrical parameters</b>			
Grid setup		Single-phase	Three-phase
Nominal voltage	V	220/230/240	220/380 Va.c., 230/400 Va.c., 3/N~
Operating voltage range (L to N)	V	184 to 276	
Nominal frequency	Hz	50/60	
Extended frequency range	Hz	45 to 65	
Nominal current	A	40	40/phase
Max. current	A	50	50/phase
Night power consumption	W	< 1	
Overvoltage category		III	
AC surge protection		TYPE II	
<b>Mechanical parameters</b>			
Dimensions (W x H x D)	mm	85 × 148 × 40	
Weight	kg	0.3	0.4
Ambient temperature range	°C	-30 to 50	
Cooling		Natural convection	
Enclosure environmental rating		IP20	
Noise	dB	<25	
Altitude	m	3000	
Protection class		II	
Pollution degree		II	
<b>Communication interfaces</b>			
Communication		RS485	
Indicator		1 × LED	
<b>Compliance</b>			
Safety		IEC 60255-27	
EMC		IEC 61000-6-1/-2/-3/-4, IEC 60255-26	