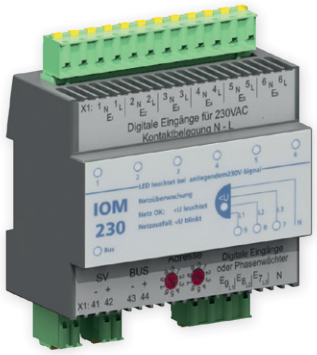
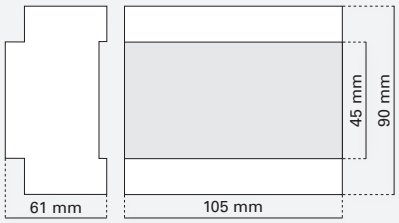
IOM230

Switch interrogation module 230 V with integrated BUS phase monitor for MERLIN systems



IOM230 is a switch interrogation module with integrated BUS phase monitor. The module can be optionally installed in the emergency lighting system cabinet or in the distribution of the general lighting. A unique BUS address is assigned to each module by means of a rotary coder. A location text can be assigned at any time (to enable accurately targeted correction of a local fault in the normal mains supply.

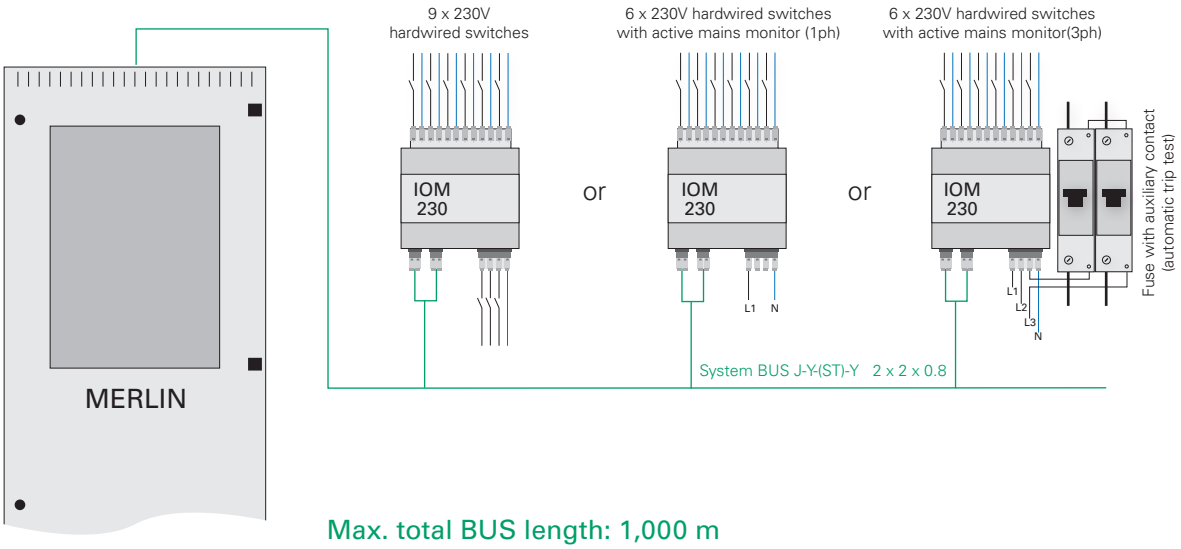
Depending on the programming of the IOM230, either 9 × 230 V hardwired switches or 6 × 230 V hardwired switches + one BUS phase monitor are available to you. The final circuits of your MERLIN system can be switched by means of the 230 V hardwired switches. The integrated BUS phase monitor reports a local mains failure as soon as at least one phase of the normal mains supply falls below the nominal voltage by more than 15 %. The LPS/CPS system now switches on the emergency lighting off the area concerned and supplies the luminaires via the mains.



Top-hat rail mounting 6 HP

SWITCH INTERROGATION MODULE	IOM230
ENCLOSURE MATERIAL	Plastic
HARDWIRED SWITCHES	9 x 230 V or 6 x 230 V + mains monitor
MAINS MONITOR	1 phase/3 phase
TERMINAL BLOCKS	up to 2.5 mm²
System	MERLIN + KV2000

Remote installation in the subdistribution panel of the general lighting



Max. total BUS length: 1,000 m
Max. distance from BUS device to the CPS system: 400 m