

MSI-AC230/-AC115

Power supply units



ISO
9001

CE

MSI-AC230/-AC115

The power supply units MSI-AC230 and MSI-AC115 are 24-V-power supplies for the MSI family or modular safety interfaces and the sensors attached to them. They are equipped with safe mains separation and can bridge short-term mains failures of up to 20 ms.

Advantages

- 230 and/or 115 V power supply
- 24 VDC, 0,8 A max
- can be connected in parallel
- Primary/secondary isolation 4 KV
- Electromagnetic compability in accordance with EN 50082-2 and EN 55001 Class A
- Housing width 35 mm

MSI-AC230/-AC115

Function

The following table shows the Leuze lumiflex sensors that can be connected, as well as the constant power requirements for the supply of an optional load.

Examples of connection options to an MSI-AC:

Sensor Type, quantity	MSI Type	Possible output load
COMPACT	MSI-SR2	max. 420 mA
COMPACT	MSI-s/R	max. 360 mA
2 COMPACT	MSI-sx/Rx	max. 160 mA
COMPACT	MSI-i/R	max. 340 mA
2 COMPACT	MSI-ix/Rx	max. 140 mA
COMPACT	MSI-m/R, 2 Muting lamps (each 4W), 4 Muting sensors (FRK92)	only in an ambient temperature of up to 40° C
ROBUST RRT 42	MSI-SR2	max. 290 mA
ROBUST RRT 42	MSI-s/R	max. 210 mA
2 ROBUST RRT 42	MSI-sx/Rx	only in an ambient temperature of up to 35 °C
ROBUST RRT 43	MSI-SR2	max. 80 mA
ROBUST RRT 43	MSI-s/R	max. 20 mA
ROBUST RRT 44	MSI-SR2	max. 210 mA
ROBUST RRT 44	MSI-s/R	max. 150 mA
SLS 78/R	MSI-SR2	max. 320 mA
SLS 78/R	MSI-s/R	max. 260 mA
2 SLS 78/R	MSI-sx/Rx	only in an ambient temperature of up to 40° C
ECO	MSI-s/R	max. 440 mA
2 ECO	MSI-sx/Rx	max. 300 mA
ECO	MSI-m/R, 2 Muting lamps (each 4W), 4 Muting sensors (FRK92)	max. 30 mA
2 ECO	MSI-mx/Rx, 2 Muting lamps (je 4W), 4 Muting sensors (FRK92)	only in an ambient temperature of up to 30 °C
ROBUST RRT 22	MSI-s/R	max. 440 mA
2 ROBUST RRT 22	MSI-mx/Rx, 2 Muting lamps (each 4W), 4 Muting sensors (FRK92)	only in an ambient temperature of up to 30 °C
ROBUST RRT 23	MSI-s/R	max. 260 mA
2 ROBUST RRT 23	MSI-mx/Rx, 2 Muting lamps (each 4W), 4 Muting sensors (FRK92)	Current consumption: 1,16 A 2 power supply units required
ROBUST RRT 24	MSI-s/R	max. 350 mA
2 ROBUST RRT 24	MSI-mx/Rx, 2 Muting lamps (each 4W), 4 Muting sensors (FRK92)	Current consumption: 0,98 A 2 power supply units required