



Network solutions Safety Remote I/O UE4421

UE4421-22EE900



Model Name > [UE4421-22EE900](#)
Part No. > [1028309](#)



At a glance

- Supports numerous safety sensors and actuators
- Requires only one safety fieldbus address for up to 16 sensors and actuators
- IP 20 enclosure rating for DIN rail, panel mounting

Your benefits

- Modular expandability and remote I/O allows the realization of modular and distributed machines and systems
- Safety solutions can be easily and quickly integrated into a safety PLC or an existing DeviceNet Safety™ fieldbus, reducing installation time
- Fast and easy installation and servicing by using pluggable terminal strips



Applications

Safety command devices:	✓
Electro-mechanical safety switches:	✓
Non-contact safety switches:	✓
Opto-electronic protective devices:	✓
Two-hand control systems:	✓
Operating mode selector switch:	✓
Muting sensors:	✓
Muting lamp:	✓

Functions

Safe device communication via EFI/SDL:	-
Reset/restart:	Manual/automatic/configurable

Technical data

Enclosure rating:	IP 20
Ambient operating temperature from ... to:	-10 °C ... 55 °C
Protection class:	III (EN 61140)
Safety integrity level:	SIL3 (IEC 61508)
Category:	Category 4 (EN ISO 13849)
Performance level:	PL e (EN ISO 13849)
PFHd:	2.0 * 1E-10
TM (mission time):	20 a
Maximum power consumption:	≤ 4 A ... , per connection ¹⁾

Connection type supply voltage:	Spring terminal plug
Number of safety inputs:	6 dual-channel or 12 single-channel
Input voltage HIGH field signal inputs:	11 V DC, 26.4 V DC
Input delay field signal inputs:	Configurable 0 ... 126 ms
Number of test/signal outputs (with current monitoring):	4 (1)
Type of output test/signal outputs:	PNP semiconductor
Output current test/signal outputs:	700 mA
Maximum number of safety target connections:	4
DeviceNet communication rate:	125 kbit/s, 250 kbit/s, 500 kbit/s, Autobaud detection
Connection type DeviceNet:	Spring terminal block

1) Class 2

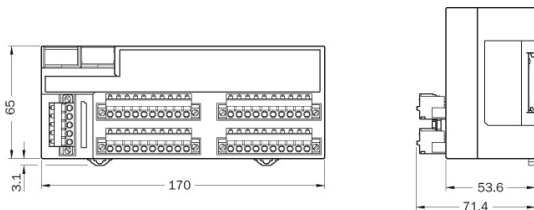
Electrical data

Fieldbus:	DeviceNet Safety
Supply voltage:	20.4 V DC, 26.4 V DC

Ambient data

Weight:	420 g
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Dimensional drawing



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