

## S1UM 42-48VAC UM 0.1-500VAC/DC UP

827245



Voltage monitoring relay, to monitor min. and max. voltage values, 12 measuring ranges 0.1 - 500 V AC/DC selectable, 0.40 -400 Hz, width = 22.5 mm, UB = 42 - 48 V AC, measuring inputs are not polarity-sensitive.

## Technical details

### General data

Approval: CE, CCC, UKCA, cULus Listed

### Technical data

### Electrical data

Supply voltage (V):	42 - 48 V
Type of supply voltage U1:	AC
Power consumption AC:	2 VA
Max. device circuit breaker:	Max. conductor cross section

### Relay outputs

Utilisation cat. AC/DC1 stand.:	EN 60947-4-1
Utilisation cat. AC15/DC13sta.:	EN 60947-5-1
Safety contacts: AC at UL:	240 VAC Res. NO Side Only
Safety contacts: pilot duty:	B300, R300
Relay contact material:	AgCdO
Addit. contact details relay:	+ 3.0 µm Au

### Environmental data

Climatic suitability to ...:	EN 60068-2-78
Ambient temperature:	-15 - 55 °C
Condensation permitted?:	Not permitted
EMC to standard ...:	EN 60947-5-1, EN 61000-6-2

Vibration to standard ...:	EN 60068-2-6
Clearance & creepage dist. to:	EN 60947-1
<b>Mechanical data</b>	
Mounting position:	any
Housing material lower section:	PPO UL 94 V0
Housing material front plate:	ABS UL 94 V0
Housing material upper part:	PPO UL 94 V0
Connection terminal:	Screw terminal
Terminal style:	fixed
Flex. cond. c/s AWG info:	24 - 10 AWG
Height dimension:	87 mm
Width dimension:	22.5 mm
Depth dimension:	121 mm
Net weight:	160 g
Gross weight:	170 g
<b>Environment</b>	
REACH compliance:	contains min. 1 SVHC-substance
WEEE classification (08/2018):	5 devices (feed size < 50cm)
<b>Commercial data</b>	
Harmonized System Code:	85364900
UNSPSC 25:	39122205
EAN-Code:	4046548007640
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27371801
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000019
ETIM Reference Feature:	EC001438
Volume:	0.284 dm <sup>3</sup>