

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

827240



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.

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
Mechanical data	
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
Environment	
REACH compliance:	contains min. 1 SVHC-substance
WEEE classification (08/2018):	5 devices (feed size < 50cm)
Commercial data	
Harmonized System Code:	85364900
UNSPSC 25:	39122205
EAN-Code:	4046548007657
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 ³