

S1EN 50KOhm 24-240VAC/DC

884100



Earth fault monitoring relay provides protection against insulation faults (50 kOhm) in galvanically isolated DC and AC voltage supplies, width 22.5 mm, UB = 24 - 240 V AC/DC.

Technical details

General data	
Approval:	CE, CCC, UKCA, cULus Listed
Technical data	
Electrical data	
Supply voltage (V):	42 - 240 V
Type of supply voltage U1:	AC/DC
Power consumption AC:	5 VA
Power consumption DC:	1 W
Supply voltage 2 (V):	24 - 24 V
Type of supply voltage U2:	AC/DC
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	
Ambient temperature:	-10 - 55 °C

Condensation permitted?:	Not permitted
EMC to standard:	EN 61000-6-2, EN 61000-6-4
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:	135 g
Gross weight:	145 g
Environment	
RoHS directive:	2011/65/EU, 2015/863/EU
RoHS conformity:	yes
RoHS exceptions:	yes
RoHS except.s acc. to direct.:	34, 7a, 6c, 7c I
REACH compliance:	contains min. 1 SVHC-substance
REACH included substances:	Lead, Lead oxide
%-part of the pollutant:	> 0,1
CAS No.:	7439-92-1, 1317-36-8
WEEE classification (08/2018):	5 devices (feed size < 50cm)
SCIP entry available:	0
Commercial data	

Harmonized System Code:	85364900
UNSPSC 25:	39122331
EAN-Code:	4046548007121
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27371807
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000019
ETIM Reference Feature:	EC001444
Volume:	0.284 dm3