



Electric Automation
Automation specialists

Référence: RN1S40H30PC

Paramètres sélectionnés SYSTEME Montage rail DIN
CATEGORIE DE COURANT 26 - 50 ACA TENSION NOMINALE
400 VCA MODE DE COMMUTATION Zéro de tension NOMBRE
DE POLES 1 COMMANDE CC - TOR RACCORDEMENT
PUISSANCE Borne captives auto-levantes MODELE Relais
statique Autres COURANT 30 ACA ENTREE DE COMMANDE 20
- 32 VCC Actif sur niveau haut LARGEUR PRODUIT 45 mm



[Achat de Electric Automation Network](#)

Solid State Relays

System Monitoring Relay (SOLITRON) Type RN1S (Sense Relay)

- System (line and load) monitoring relay
- Rated operational current: 30 A and 50 AACrms
- Zero switching for heating and motor applications
- Rated operational voltage: 230, 400 and 480 VACrms
- Transient overvoltage protection built-in
- Alarm output signal
- LED-indication for alarm and supply/relay ON
- DIN-rail mountable

Product Description Ordering Key RN 1S 23 H 30 NO

The system monitoring Solid State Relay (Sense Relay) provides an alarm output in the event of a circuit failure. Internal circuits monitor:

- line voltage
- load current
- correct functioning of the SSR
- SSR input status

The relay is designed for applications where immediate fault detection is required. A red LED indicates an alarm, a green LED indicates DC control supply OK (half LED light intensity) resp. relay switched ON (full LED light intensity).

Solid State Relay

Number of poles

Rated operational voltage

Control input

Rated operational current

Alarm output type

Type Selection

Rated operational Control input Rated operational Alarm output voltage current type
23: 230 VACrms H: Active high 30: 30 AACrms NO: NPN, NO
40: 400 VACrms L: Active low 50: 50 AACrms NC: NPN, NC
48: 480 VACrms PO: PNP, NO PC: PNP, NC

Selection Guide

Rated Alarm Rated operational current

operational output 30 AACrms 30 AACrms 50 AACrms 50 AACrms voltage type Active high Active low Active high Active low

230 VACrms NPN, NO RN 1S23H30NO RN 1S23L30NO RN 1S23H50NO RN 1S23L50NO
NPN, NC RN 1S23H30NC RN 1S23L30NC RN 1S23H50NC RN 1S23L50NC PNP, NO RN
1S23H30PO RN 1S23L30PO RN 1S23H50PO RN 1S23L50PO

PNP, NC RN 1S23H30PC RN 1S23L30PC RN 1S23H50PC RN 1S23L50PC

400 VACrms NPN, NO RN 1S40H30NO RN 1S40L30NO RN 1S40H50NO RN 1S40L50NO
NPN, NC RN 1S40H30NC RN 1S40L30NC RN 1S40H50NC RN 1S40L50NC PNP, NO RN
1S40H30PO RN 1S40L30PO RN 1S40H50PO RN 1S40L50PO

PNP, NC RN 1S40H30PC RN 1S40L30PC RN 1S40H50PC RN 1S40L50PC

480 VACrms NPN, NO RN 1S48H30NO RN 1S48L30NO RN 1S48H50NO RN 1S48L50NO
NPN, NC RN 1S48H30NC RN 1S48L30NC RN 1S48H50NC RN 1S48L50NC PNP, NO RN
1S48H30PO RN 1S48L30PO RN 1S48H50PO RN 1S48L50PO PNP, NC RN 1S48H30PC

RN 1S48L30PC RN 1S48H50PC RN 1S48L50PC

Specifications are subject to change without notice (28.02.2007) 1