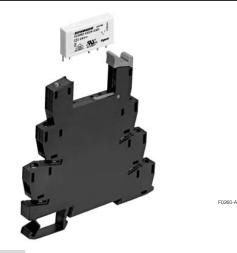
## Electronics

## **Accessories Slim Interface Relay SNR**

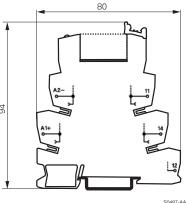
- Module width 6.2 mm
- Reduced system width for increased packing density on the DIN rail
- DC and AC version
- Electrical indicator as standard (LED)
- Protection circuit
- Screw- or cage clamp terminals
- Jumper bars

Approvals

RoHS compliant (Directive 2002/95/EC)



REGNr. 6666, CRU us E224918		
Technical data	ST3F / ST4F	
	<u>6 A</u>	▲
Rated current	÷	
Rated voltage / max.switching voltage AC	240 / 400 VAC	
Dielectric strength coil-contact circuit	4000 V <sub>rms</sub>	
Clearance / creepage coil-contact circuit	≥ 6/8 mm	
Material group of insulation parts	≥Illa	
Insulation to IEC 60664-1		
Type of insulation coil-contact circuit	reinforced	94
open contact circuit	functional	0)
Rated insulation voltage	250 V	
Pollution degree	2	
Rated voltage system	230 / 400 V	
Overvoltage category		
RoHS - Directive 2002/95/EC	compliant	
Degree of protection DIN 40050	IP20	v u
Ambient temperature range	-20+55 °C	
Terminals	screw / cage clamp	
Terminal screw torque acc. IEC 61984	0.5 Nm	
max.	0.6 Nm	
Wire cross section		
single wire	0.142.5 mm <sup>2</sup>	
fine wire	0.142.5 mm <sup>2</sup>	
with bootlace crimp (DIN 46228/1)	0.142.5 mm <sup>2</sup>	
Insertion cycles	A (10)	
Max. Insertion Force total	100 Ń	D
Mounting distance	0 mm, dense packing	— A
Weight	26 g	
Beelveging unit	10 200	— н





Version with screw terminals Version with cage clamp terminals

S0487-AA

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Datasheet Rev. HC1 Issued 2008/03 www.tycoelectronics.com www.schrackrelays.com

Packaging unit

Sockets Product code ST 3F LC4

ST 3F SM5

ST 3F TP0

ST 4F LC4

ST 4F SM5

ST 4F TP0

Dimensions are in mm unless otherwise specified and are shown for reference purposes only.

Din-rail socket 24VDC, for relays 12 / 24 / 48 VDC,

Din-rail socket 24VDC, for relays 12 / 24 / 48 VDC,

Din-rail socket 115 VAC / VDC with LED and

Din-rail socket 230 VAC / VDC with LED and

Din-rail socket 115 VAC / VDC with LED and

Din-rail socket 230 VAC / VDC with LED and

protection circuit, screw terminals

protection circuit, screw terminals

cage clamp terminals

with LED, protection and polarity diode,

protection circuit, cage clamp terminals

protection circuit, cage clamp terminals

with LED, protection and polarity diode, screw terminals

Product specification according to IEC 61810-1. Product data, technical parameters, test conditions and

10 pcs

Part Number

2-1416100-0

2-1416100-1

2-1416100-2

2-1416100-3

2-1416100-4

2-1416100-5

processing information only to be used together with the 'Definitions' at schrackrelays.com in the 'Schrack' section.

Specifications subject to change.

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## Accessories Slim Interface Relay SNR (Continued)

Accessories		
Product code		Part Number
ST 36 040	Separation element	2-1416100-6
ST 37 001	Jumper bar, red, 500 mm	2-1416100-7
ST 37 002	Jumper bar, blue, 500 mm	2-1416100-8
ST 37 003	Jumper bar, grey, 500 mm	2-1416100-9
ST 37 040	Marking plate, consisting of 100 marking tabs	4-1416100-0

Relay Packages Complete packages consisting of a relay mounted on a socket: see Relay Package SNR

Datasheet Rev. He Issued 2008/03 www.tycoelectronics.com www.schrackrelays.com Rev. HC1 Dimensions are in mm unless otherwise specified and are shown for reference purposes only.

Product specification according to IEC 61810-1. Product data, technical para-meters, test conditions and

processing information only to be used together with the 'Definitions' at schrackrelays.com in the

'Schrack' section.

Specifications subject to change.

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