

Accessories Slim Interface Relay SNR

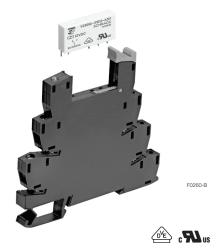
- Module width 6.2 mm
- Reduced system width for increased packing density on the DIN rail
- DC and AC version
- Electrical indicator as standard (LED)
- Protection circuit
- Screw- or cage clamp terminals
- Jumper bars

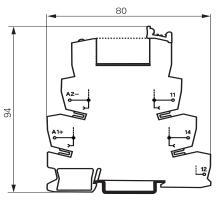
Approvals

VDE Cort No.	10010063	cULus E224918
VDL OGILINO.	40010000,	COLUS L224910

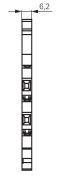
Technical data	ST3F/ST4F		
Rated voltage/Max. switching voltage AC			
Rated current	6 A		
Dielectric strength coil-contact circuit	4000 V _{rms}		
Clearance / creepage coil-contact circuit	≥ 6/8 mm		
Material group of insulation parts	Illa		
Insulation to IEC 60664-1	ina		
Type of insulation coil-contact circuit	reinforced		
open contact circuit			
Rated insulation voltage	250 V		
Pollution degree	2		
Rated voltage system	230/400 V		
Overvoltage category			
Material compliance: EU RoHS/ELV, Chin			
refer to the Product Compliance Support Center a			
	istomersupport/rohssupportcenter		
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 ²		
fine wire	0.142.5 mm ²		
with bootlace crimp (DIN 46228/1)	0.142.5 mm ²		
Insertion cycles	A (10)		
Max. Insertion Force total	100 N		
Mounting distance	≥ 0 mm, dense packing		
Weight	26 g		
Packaging unit	10 pcs		

Sockets		
Product code		Part Number
ST 3F LC4	DIN-rail socket 24VDC, for relays	2-1416100-0
	12/24/48 VDC, with LED, protection	
	and polarity diode, screw terminals	
ST 3F SM5	DIN-rail socket 115VAC/VDC with	2-1416100-1
	LED and protection circuit,	
	screw terminals	
ST 3F TP0	DIN-rail socket 230VAC/VDC with	2-1416100-2
	LED and protection circuit,	
	screw terminals	
ST 4F LC4	DIN-rail socket 24VDC, for relays	2-1416100-3
	12/24/48 VDC, with LED, protection	
	and polarity diode, cage clamp terminals	
ST 4F SM5	DIN-rail socket 115VAC/VDC with	2-1416100-4
	LED and protection circuit,	
	cage clamp terminals	
ST 4F TP0	DIN-rail socket 230VAC/VDC with	2-1416100-5
	LED and protection circuit,	
	cage clamp terminals	





S0487-AA





Version with screw terminals

Version with cage clamp terminals

10-2014, Rev. 1014 www.te.com © 2014 Tyco Electronics Corporation, a TE Connectivity Ltd. company Datasheets and product specification according to IEC 61810-1 and to be used only together with the 'Definitions' section.

Datasheets and product data is subject to the terms of the disclaimer and all chapters of the 'Definitions' section, available at http://relays.te.com/definitions

Datasheets, product data, 'Definitions' section, application notes and all specifications are subject to change. 1



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

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