

Solid State Relays

G3NA family



General-purpose Solid State Relays with Applicable Loads of 5 to 90 A

- dimensions 58x43x27mm (hwxwd)
- operation indicator (red LED)
- 5 to 24 VDC rated input voltage
- screw terminals mounting
- compact design
- equipped with zero cross function
- galvanic separated rated input voltage

Part No.	Description
G3NA-210B-UTU DC5-24	10A/24-240VAC, screw terminals
G3NA-D210B-UTU DC5-24	10A/5-200VDC, screw terminals
G3NA-220B-UTU DC5-24	20A/24-240VAC, screw terminals
G3NA-240B-UTU DC5-24	40A/24-240VAC, screw terminals

Part No.	Ord.No.
S G3NA-210B-UTU DC5-24	48923
S G3NA-220B-UTU DC5-24	71435
S G3NA-240B-UTU DC5-24	71436
S G3NA-D210B-UTU DC5-24	71437

G3PA family



Extremely Thin Relays Integrated with Heat Sinks

- optimum design of the heat sink
- easily replaceable power element cartridges
- directly mounted on a DIN -rail
- applicable with 3-phase loads
- equipped with zero cross function
- 5 to 24 VDC rated input voltage
- galvanic separated rated input voltage

Part No.	Description
G3PA-220B-VD DC5-24	20A/24-240 VAC, mounted on DIN rail

Part No.	Ord.No.
S G3PA-220B-VD DC5-24	71438

G3PB family



Compact, Slim-profile SSR with Heat Sink (1-phase)

- the compact design of G3PB has been achieved by optimising the shape of the heat sink
- 15A and 25A versions with mounting thickness only 22,5mm
- DIN track mounting possible in addition to screw mounting
- zero cross function
- galvanic separated rated input voltage

Part No.	Description
G3PB-215B-VD 12-24DC	15A/100-240VAC, DIN track mounting
G3PB-225B-VD 12-24DC	25A/100-240VAC, DIN track mounting
G3PB-235B-VD 12-24DC	35A/100-240VAC, DIN track mounting

Part No.	Ord.No.
S G3PB-215B-VD 12-24DC	71439
S G3PB-225B-VD 12-24DC	71440
S G3PB-235B-VD 12-24DC	71441

G3PB-5xx family



3-phase compact Solid State Relay

- compact design achieved by optimising heat sink shape
- applicable with 2- or 3-phase loads
- screw mounting
- zero cross function
- isolation method: phototriac coupler
- suitable in connection with OMRON temperature controllers

Part No.	Description
G3PB-515B-3N-VD DC12-24	3-phase 15A/200-480VAC

Part No.	Ord.No.
S G3PB-515B-3N-VD DC12-24	71442

G3R family



recommended socket:
P2RF-05-E page S4

Compact SSRs for I/O Interface with High Dielectric Strength Requirements

- LED indicator
- 3 versions:
 - immediate switching
 - cross zero switching
 - ss current switching
- galvanic separated inputs
- into sockets or I/O modules of G70A family

Part No.	Description
G3R-OA202SZN DC5-24+	output module 2A/100-240VAC
G3R-ODX02SN DC5-24+	output module 2A/5-48VDC

Part No.	Ord.No.
O G3R-OA202SZN DC5-24+	71443
O G3R-ODX02SN DC5-24+	71444

Time Relays

H3DE family



Solid-state Timer

DIN Track Mounted, Standard 22.5mm Width Timer Range

- A wide AC/DC power supply range (24 to 230 VAC/DC) reduces the number of timer models kept in stock
 - Nameplate provided for easy timer identification and management.
 - Terminal clamp left open when delivered.
 - Finger protection terminal block to meet VDE0106/P100.
 - Enables easy sequence checks through instantaneous outputs for a zero set value at any time range.
 - High immunity to inverter noise.
- H3DE-S:** 4 modes
H3DE-M: 8 modes

Part No.	Description
H3DE-M2 24-230VAC/DC	DIN-rail moun. 5A 0.1s-120h 8fun., DPDT output
H3DE-S2 24-230VAC/DC	DIN-rail moun. 5A 0.1s-120h 4fun., DPDT output

Part No.	Ord.No.
S H3DE-M2 24-230VAC/DC	71418
S H3DE-S2 24-230VAC/DC	71419

H3DS family



DIN-rail mounted, standard 17.5mm-width solid state timer range

- DIN rail mounting
- size: 80(45-front panel) x 73 x 17,5 mm
- 24 to 240 VAC/24 to 48 VDC
- 7 time ranges: 0,1s to 120h
- SPDT output, 5A/250VAC, 30VDC
- voltage input (0 to 253 VAC/DC)
- models with screwless clamp connection available
- unique locking function prevents unauthorised changes
- lock key is used also for setting ranges and functions

Part No.	Description
H3DS-ML	DIN rail mounted 24-240VAC/24-48VDC 0.1s-120h

Part No.	Ord.No.
S H3DS-ML	71420