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Information for electrical connection		3

Type	old version	Function	Media Temp.	Electric Data	Remarks	Page
32527		SPST	-50°C...+150°C	100V/0.5A/10VA/10W	for low voltage (Mini)	4
32529		SPST	-50°C...+150°C	100V/0.5A/10VA/10W	for low voltage, with plug (Mini)	5
31130-NN	33130-N 27159	SPST	-50°C...+150°C	250V/1.3A/80VA/80W	Standard	6
31160-NN	33160 27169	SPDT	-50°C...+150°C	230V/1A/60VA/60W	Standard	7
31130-NP		SPST	-50°C...+150°C	250V/1.3A/80VA/80W	Connector M12-A (4 pole)	8
31160-NP		SPDT	-50°C...+150°C	230V/1A/60VA/60W	Connector M12-A (4 pole)	9
31130-NW 2)	33130-W 31130-W	SPST	-50°C...+350°C	250V/1.3A/80VA/80W	for high media temperature	10
31160-NW 2)		SPDT	-50°C...+350°C	230V/1A/60VA/60W	for high media temperature	11
31130-NA 1)2)	33130-N/AB 31130-N/AB	SPST	-50°C...+150°C	250V/1.3A/80VA/80W	with shielded cable	12
31160-NA 1)2)	33160/AB 31160/AB	SPDT	-50°C...+150°C	230V/1A/60VA/60W	with shielded cable	13
31130-NK	33130/KST 31130/KST	SPST	-50°C...+150°C	250V/1.3A/80VA/80W	with plug connector	14
31160-NK	33160/KST 31160/KST	SPDT	-50°C...+150°C	230V/1A/60VA/60W	with plug connector	15
31130-NT		SPST	-50°C...+150°C	250V/1.3A/80VA/80W	with terminal box	16
31160-NT		SPDT	-50°C...+150°C	230V/1A/60VA/60W	with terminal box	17
31130-NB		SPST	-50°C...+300°C	250V/1.3A/80VA/80W	with terminal box, for high media temp.	18
31160-NB		SPDT	-50°C...+300°C	230V/1A/60VA/60W	with terminal box, for high media temp.	19
31130-NI 2)	32298	SPST	-50°C...+150°C	250V/1.3A/80VA/80W	II 2 G Ex ia IIC T6 Gb II 2 D Ex iaD IIIC T85°C Db	20
31160-NI 2)	32299	SPDT	-50°C...+150°C	230V/1A/60VA/60W	2E I M 03 ATEX 0158 / IECEx Z1 M	21
31130-ND 2)	29432 27059	SPST	-50°C...+150°C	250V/1.3A/80VA/80W	II 2 G Ex d IIC T6 Gb II 2 D Ex tb IIIC T85°C Db	22
31160-ND 2)	29436 27069	SPDT	-50°C...+150°C	230V/1A/60VA/60W	2E I M 03 ATEX 0159 / IECEx Z1 M	23
31130-NM	31130-N	SPST	-50°C...+150°C	250V/1.3A/80VA/80W	with brass cable gland	24
31160-NM	31160	SPDT	-50°C...+150°C	230V/1A/60VA/60W	with brass cable gland	25
31130-NS 2)		SPST	-50°C...+150°C	250V/1.3A/80VA/80W	with ss-cable gland	26
31160-NS 2)		SPDT	-50°C...+150°C	230V/1A/60VA/60W	with ss-cable gland	27
31130-NA-NAM 1)2)		SPST	-50°C...+150°C	10.6V/60mA/200mW	with NAMUR circuit	28
31130-NW-NAV 2)		SPST	-50°C...+250°C	10.6V/60mA/200mW	with Namur for high media temp.	29

Type code
Switch Function

SPST

SPDT

Version

ss-switch with metric cable gland

Execution

standard with PA cable gland

with ss-cable gland

with brass cable gland

flameproof enclosures

intrinsically safe

with plug connector

with terminal box

with terminal box and for high medium temp.

with shielded cable

for high media temperature

Speciality

with NAMUR circuit

31...N...2)

130

160

N

N

S

M

D

I

K or P

T

B

A

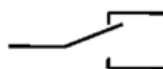
W

NAM

SPST - Single Pole / Single Trace



SPDT - Single Pole / Double Trace



- shielded cable
- halogen-free cable

