Protección contra sobretensiones
Protección contra rayos y puestas a tierra
Trabajos en tensión

Surge Protection
Lightning Protection / Earthing
Safety Equipment

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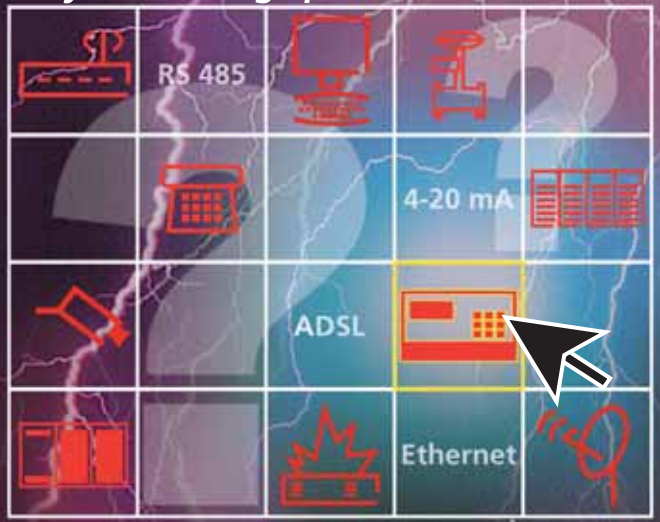
Yellow/Line

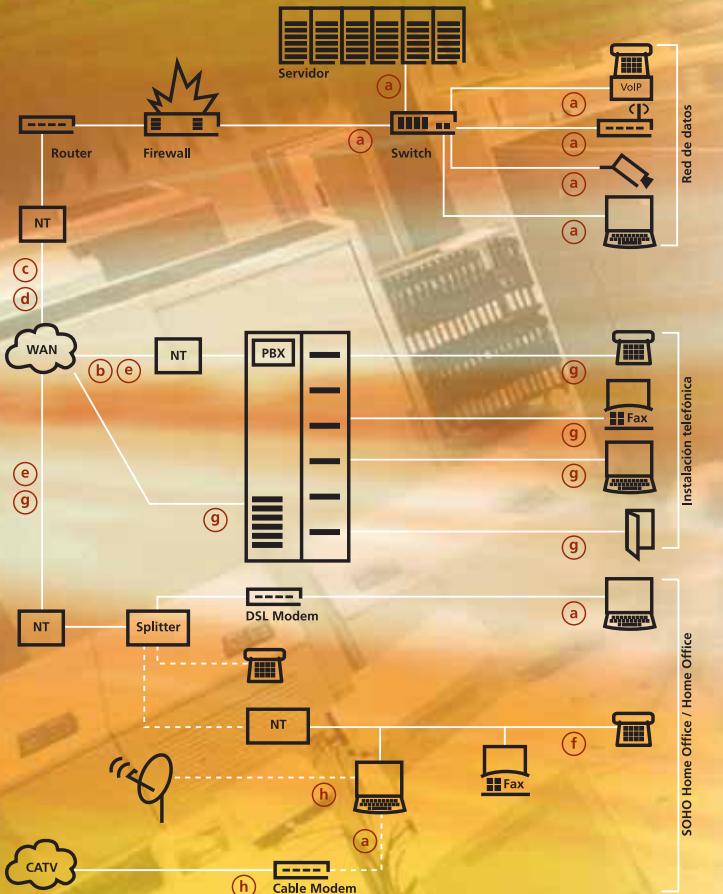
Protección contra sobretensiones en líneas de transmisión de datos. Guía de selección.

Easy choice surge protection.



DS150/ES/0211

Telecomunicaciones – Redes de datos.
Telecommunications – Networking.

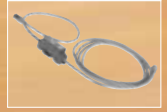


TELECOMUNICACIONES – REDES DE DATOS.

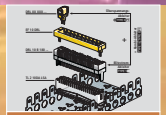
BLITZDUCTOR® XTU TYPE 1 P1
Part No. / Art.-Nr. 920 249 / 920 349 + 920 300
Descargador universal de corrientes de rayo y sobretensiones con actiVsense®.
NUEVO
U_C = 180 Vdc I_L(80°C) = 0.1 A
$f_{g,\ señal}$ = 25 MHz

Universal lightning current and surge arrester with actiVsense®.
U_C = 180 Vdc I_L(80°C) = 0.1 A
$f_{g,\ signal}$ = 25 MHz

Señal / *Interface*



DEHNpatch
RJ 45, 1 Puerto, Cat. 6



DEHNrapid® LSA
LSA 2-10 Pares / *Pairs*

NET Protector, 8 - 50 Puertos

BLITZDUCTOR® XT
2 Hilos / *Wires*
4 Hilos / *Wires*

BLITZDUCTOR® VT
RJ 45, 1 Puerto

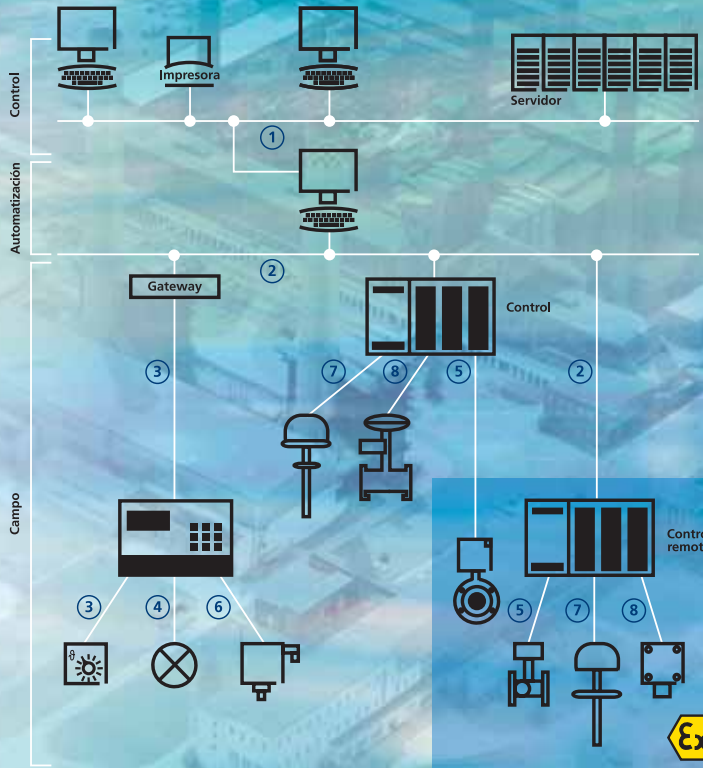
DEHNprotector TV / NT / LAN / ISDN, 1 Puerto cada uno

DEHNgate GFF TV
Conector F, 1 Puerto

		DEHNpatch RJ 45, 1 Puerto, Cat. 6	DEHNrapid® LSA LSA 2-10 Pares / *Pairs*	NET Protector, 8 - 50 Puertos	BLITZDUCTOR® XT 2 Hilos / *Wires*	4 Hilos / *Wires*	BLITZDUCTOR® VT RJ 45, 1 Puerto	DEHNprotector TV / NT / LAN / ISDN, 1 Puerto cada uno	DEHNgate GFF TV Conector F, 1 Puerto
a	**Ethernet** **Voz por IP** **Power over Ethernet / PoE**	**No. 929 100** (l = 0.5 / 2.5 m) **No. 929 110** (l = 1 / 4 m) **No. 929 121** (l = 0 m) TYPE 2 P1 U_C = 48 Vdc / I_L = 1 A PoE: U_{max} = 57 V		**No. 929 037 (1-3 x) + 929 034** **RJ 45 - RJ 45** TYPE 4 P1 U_C = 30 Vdc I_L = 0.1 A				**No. 909 321** NUEVO **RJ 45** TYPE 2 P2 U_C = 58 Vdc U_C* = 255 Vac	
b	**RDSI S_{2m}, U_{2m}** **E1** **G.703**	**No. 929 100** (l = 0.5 / 2.5 m) **No. 929 110** (l = 1 / 4 m) **No. 929 121** (l = 0 m) TYPE 2 P1 U_C = 48 Vdc I_L = 1 A	**No. 907 401 + 907 498 + 1-10 x 907 470** TYPE 1 C + TYPE 3 P1 U_C = 28 Vdc I_L = 0.1 A	**No. 929 075 (1-3 x) + 929 034** **LSA - RJ 45** TYPE 2 P1 U_C = 6 Vdc I_L = 0.2 A	**No. 920 375 + 920 300** TYPE 1 P1 U_C = 33 Vdc I_L (45°C) = 1 A				
c	**VDSL**		**No. 907 401** TYPE 1 C U_C = 180 Vdc I_L = 0.4 A		**No. 920 211 + 920 300** **No. 920 310 + 920 300** TYPE 1 + 0 U_C = 180 Vdc I_L (45°C) = 1,2 A				
d	**HDSL** **SDSL** **SHDSL**	**No. 929 100** (l = 0.5 / 2.5 m) **No. 929 110** (l = 1 / 4 m) **No. 929 121** (l = 0 m) TYPE 2 P1 U_C = 48 Vdc I_L = 1 A	**No. 907 401 + 907 498 + 1-10 x 907 470** TYPE 1 C + TYPE 3 P1 U_C = 28 Vdc I_L = 0.4 A	**No. 929 075 (1-3 x) + 929 034** **LSA - RJ 45** TYPE 2 P1 U_C = 6 Vdc I_L = 0.2 A	**No. 920 375 + 920 300** TYPE 1 P1 U_C = 33 Vdc I_L (45°C) = 1 A				
e	**ADSL 2+**		**No. 907 401 + 907 498 + 1-10 x 907 430** TYPE 1 C + TYPE 3 P1 U_C = 180 Vdc I_L = 0.1 A	**No. 929 071/072** + 929 034 RJ45/LSA - RJ 45 TYPE 2 P2 U_C = 170 Vdc I_L = 0.15 A **No. 929 230** NUEVO + 929 234/235 SPNG./TERM. - RJ 45 TYPE 2 P2 U_C = 180 Vdc I_L = 0.12 A	**No. 920 247 + 920 300** **No. 920 347 + 920 300** TYPE 1 P2 U_C = 180 Vdc I_L (45°C) = 0,75 A		**No. 918 411** TYPE 2 P2 U_C = 170 Vdc I_L = 0.2 A	**No. 909 310** **RJ 12/TAE** TYPE 2 P2 U_C = 180 Vdc U_C* = 255 Vac	
f	**RDSI S Bus** **S_{cr}-Bus**	**No. 929 100** (l = 0.5 / 2.5 m) **No. 929 110** (l = 1 / 4 m) **No. 929 121** (l = 0 m) TYPE 2 P1 U_C = 48 Vdc I_L = 1 A	**No. 907 401 + 907 498 + 1-10 x 907 470** TYPE 1 C + TYPE 3 P1 U_C = 28 Vdc I_L = 0.1 A		**No. 920 375 + 920 300** TYPE 1 P1 U_C = 33 Vdc I_L (45°C) = 1 A		**No. 918 410** TYPE 2 P1 U_C = 7.5 Vdc I_L = 0.2 A	**No. 909 320** **RJ 45** TYPE 2 P1 U_C = 48 Vdc U_C* = 255 Vac	
g	**ADSL 1** **RDSI U_{k0}, U_{P0}** **a/b Líneas / a/b hilos sistemas de telecomunicaciones** **Pots** **PBX Bus**		**No. 907 401 + 907 498 + 1-10 x 907 430** TYPE 1 C + TYPE 3 P1 U_C = 180 Vdc I_L = 0.1 A	**No. 929 071/072** + 929 034 RJ45/LSA - RJ 45 TYPE 2 P1 U_C = 170 Vdc I_L = 0.15 A **No. 929 230** NUEVO + 929 234/235 SPNG./TERM. - RJ 45 TYPE 2 P1 U_C = 180 Vdc I_L = 0.12 A	**No. 920 247 + 920 300** **No. 920 347 + 920 300** TYPE 1 P2 U_C = 180 Vdc I_L (45°C) = 0,75 A		**No. 918 411** TYPE 2 P2 U_C = 170 Vdc I_L = 0.2 A	**No. 909 310** **RJ 12/TAE** TYPE 2 P2 U_C = 180 Vdc U_C* = 255 Vac	
h	**Sky DSL** **SAT** **CATV** **Cable Internet**							**No. 909 300** **Conector F** TYPE 2 U_C = 60 Vdc U_C* = 255 Vac	**No. 909 705** TYPE 1 C + TYPE 3 P1 U_C = 24 Vdc I_L = 2 A

Legend: [Max. continuous voltage: U_C] [* power supply] [Nominal current: I_L] [Yellow / Line SPD classes: Lightning current capacity ≥ 5 kA (10/350 µs): TYPE 1, TYPE 1+2, TYPE 1+3 (FI: add. terminal equipment protection)] [Surge arrester (8/20 µs): TYPE 2 ≥ 5 kA, TYPE 3 ≥ 0,5 kA, TYPE 3 FI (FI: add. terminal equipment protection)]

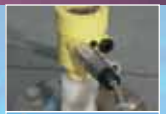
Automatización – Instrumentación.
Automation – Process Technology.



DEHNrapid® LSA
2 - 10 Pares / *Pairs*

DEHNpatch
RJ 45, 1 Puerto, Class E

BUStector
2 Hilos / *Wires*



DEHNpipe (M20 x 1.5)
2 Hilos / *Wires*

DEHNconnect RK
2 Hilos / *Wires*

BLITZDUCTOR® XT
2 Hilos / *Wires*

BLITZDUCTOR® XT
4 Hilos / *Wires*

BLITZDUCTOR® XTU TYPE 1 P1
Part No. / Art.-Nr. 920 249 / 920 349 + 920 300
Descargador universal de corrientes de rayo y sobretensiones con actiVsense®.
U_C = 180 Vdc I_L(80°C) = 0.1 A
$f_{g,señal}$ = 25 MHz

Universal lightning current and surge arrester with actiVsense®.
U_C = 180 Vdc I_L(80°C) = 0.1 A
$f_{g,signal}$ = 25 MHz

Señal / *Interface*

	No. 929 100 (l = 0.5 / 2.5 m) No. 929 110 (l = 1 / 4 m) No. 929 121 (l = 0 m) TYPE 2 P1 U_C = 48 Vdc / I_L = 1 A PoE: U_{max} = 57 V						Ethernet Industrial Power over Ethernet / PoE ①
No. 907 401 + 907 498 + 1-10 x 907 465 TYPE 1 + TYPE 3 P1 U_C = 6.5 Vdc I_L = 0.4 A			No. 929 971 NUEVO TYPE 2 P1 U_C = 6 Vdc I_L = 100 mA	No. 919 970 TYPE 2 P1 U_C = 6 Vdc I_L = 0.1 A	No. 920 270 + 920 300 TYPE 1 P1 U_C = 6 Vdc I_L (45°C) = 1 A	No. 920 370 + 920 300 TYPE 1 P1 U_C = 6 Vdc I_L (45°C) = 1 A No. 920 538 920 301 TYPE 2 P1 U_C = 6 Vdc I_L (60°C)= 4,8 A	RS 485 RS 422 Profibus-DP CAN Modbus ②
No. 907 401 + 907 498 + 1-10 x 907 443 TYPE 1 + TYPE 2 P1 U_C = 54 Vdc I_L = 0.4 A				No. 919 942 TYPE 2 P1 U_C = 55 Vdc I_L = 1.7 A	No. 920 245 + 920 300 TYPE 1 P1 U_C = 54 Vdc I_L (45°C) = 1 A	No. 920 345 + 920 300 TYPE 1 P1 U_C = 54 Vdc I_L (45°C) = 1 A	LON (FTT, LPT Tranceiver) M Bus ③
No. 907 401 TYPE 1 U_C = 180 Vdc I_L = 0.4 A		No. 925 001 TYPE 2 U_C = 45 Vdc I_L = 6 A			No. 920 211 + 920 300 TYPE 1 U_C = 180 Vdc I_L (45°C) = 1,2 A	No. 920 310 + 920 300 TYPE 1 U_C = 180 Vdc I_L (45°C) = 1,2 A	EIB / KNX Bus ④
No. 907 401 + 907 498 + 1-10 x 907 442 TYPE 1 + TYPE 3 P1 U_C = 28 Vdc I_L = 0.4 A			No. 929 941 TYPE 2 P1 U_C = 34,8 Vdc I_L = 0.5 A No. 929 960 M 20 x 1.5 TYPE 2 P1 U_C = 34,8 Vdc I_L = 0,5 A	No. 919 941 TYPE 2 P1 U_C = 33 Vdc I_L = 0.5 A No. 919 960 TYPE 2 P1 U_C = 33 Vdc I_L = 0.5 A	No. 920 244 + 920 300 TYPE 1 P1 U_C = 33 Vdc I_L (45°C) = 1 A	No. 920 344 + 920 300 TYPE 1 P1 U_C = 33 Vdc I_L (45°C) = 1 A No. 920 381 920 301 TYPE 2 P1 U_C = 33 Vdc I_L = 0.5 A	Profibus-PA Foundation Fieldbus 4-20 mA HART (Libre de potencial/ potential-free) ⑤
						No. 920 364 + 920 300 TYPE 1 P1 U_C = 33 Vdc I_L (45°C) = 0.1 A	Optoacoplada Optocoupler ⑥
						No. 920 354 + 920 300 TYPE 1 P1 U_C = 33 Vdc I_L (45°C) = 0.75 A No. 920 384 920 301 TYPE 2 P1 U_C = 33 Vdc I_L = 0,5 A	Medida 3/4 hilos 3/4 Wire Measurement ⑦
No. 907 401 + 907 498 + 1-10 x 907 422 TYPE 1 + TYPE 3 P1 U_C = 28 Vdc I_L = 0.4 A			No. 929 941 TYPE 2 P1 U_C = 34,8 Vdc I_L = 0.5 A No. 929 960 M 20 x 1.5 TYPE 2 P1 U_C = 34,8 Vdc I_L = 0,5 A	No. 919 921 TYPE 2 P1 U_C = 33 Vdc I_L = 0.5 A No. 919 960 TYPE 2 P1 U_C = 33 Vdc I_L = 0.5 A	No. 920 224 + 920 300 TYPE 1 P1 U_C = 33 Vdc I_L (45°C) = 0.75 A	No. 920 324 + 920 300 TYPE 1 P1 U_C = 33 Vdc I_L (45°C) = 0.75 A No. 920 381 + 920 301 TYPE 2 P1 U_C = 33 Vdc I_L = 0,5 A	Señal Binaria Binary Signal ⑧

Leyenda: [Max. Tensión permisible de servicio: U_C] [* Alimentación] [Corriente nominal: I_L] [Corriente de choque de rayo ≥ 5 kA (10/350 µs): TYPE 1, TYPE 1+, TYPE 1 P1 (P1: adecuado para protección equipos finales)] [Descargador de sobretensiones (8/20 µs): TYPE 2 ≥ 5 kA TYPE 3 ≥ 0,5 kA TYPE 2 P1 (P1: adecuado para protección equipos finales)]