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

Surge Protection
Lightning Protection / Earthing
Safety Equipment

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28037 Madrid

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92306 Neumarkt
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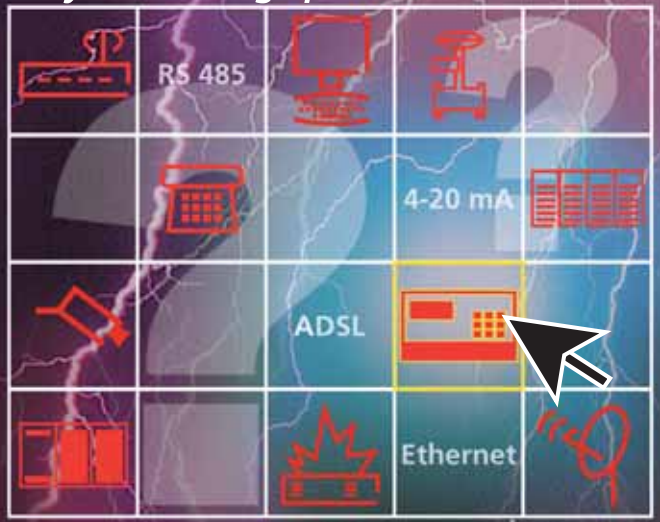
Yellow/Line

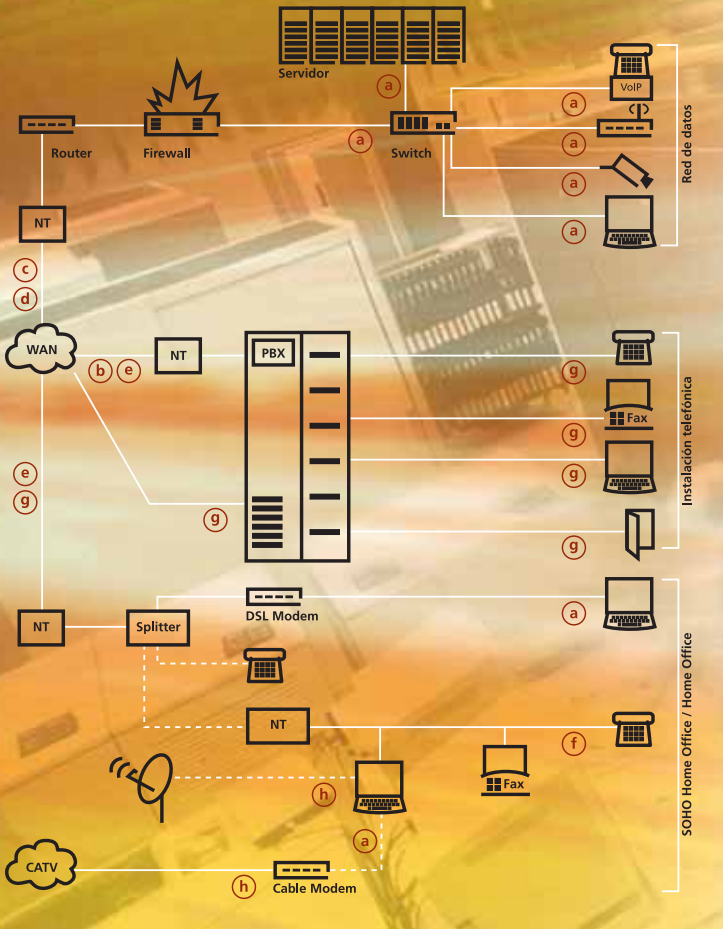
Protección contra sobretensiones en líneas de transmisión de datos. Guía de selección.

Easy choice surge protection.



DS150/ES/0211

Telecomunicaciones – Redes de datos.
Telecommunications – Networking.

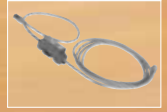


TELECOMUNICACIONES – REDES DE DATOS.

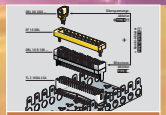
BLITZDUCTOR® XTU TYPE 1 P1
Part No. / Art.-Nr. 920 249 / 920 349 + 920 300
Descargador universal de corrientes de rayo y sobretensiones con actiVsense®.
NUEVO
U_C = 180 Vdc I_L(80°C) = 0.1 A
$f_{g,\ señal}$ = 25 MHz

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

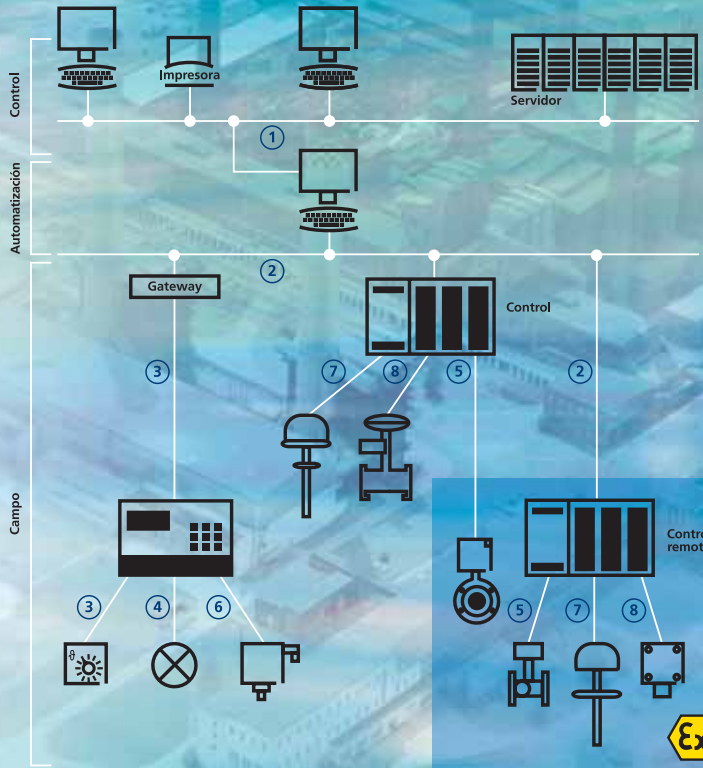

DEHNprotector TV / NT / LAN / ISDN, 1 Puerto cada uno


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 + 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 + 929 234/235 RJ45/LSA - RJ 45 SPNG,TERM. - RJ 45 TYPE 2 P2 U_C = 170 Vdc I_L = 0.15 A TYPE 2 P2 U_C = 180 Vdc I_L = 0.12 A **No. 929 230** NUEVO	**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_{0r}-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 + 929 234/235 RJ45/LSA - RJ 45 SPNG,TERM. - RJ 45 TYPE 2 P2 U_C = 170 Vdc I_L = 0.15 A TYPE 2 P2 U_C = 180 Vdc I_L = 0.12 A **No. 929 230** NUEVO	**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 C, TYPE 1 +, TYPE 3 P1 (P1: add. terminal equipment protection)] [Surge arrester (8/20 µs): TYPE 2 ≥ 5 kA, TYPE 3 ≥ 0,5 kA, TYPE 3 P1 (P1: add. terminal equipment protection)]

Automatización – Instrumentación.
Automation – Process Technology.

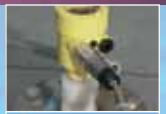


AUTOMATIZACION – PROCESOS INDUSTRIALES.


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 3 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 2, TYPE 3 P1 (P1: adecuado para protección equipos finales)] [Descargador de sobretensiones (8/20 µs): TYPE 2 ≥ 5 kA TYPE 1 ≥ 0,5 kA TYPE 3 P1 (P1: adecuado para protección equipos finales)]