



Object / Oggetto : TECHNICAL DATA SHEET / scheda tecnica	RDO Number :
	Revision number / Indice di Revisione corrente : 0
Cable type / cavo tipo : UNIDRALL 2520 36x1,5 mm ²	Code : C40X03615194599

CABLE CONSTRUCTION / costruzione cavo

36 CORES / anime
cross-section / sezione 1,5 mm²

CONDUCTOR / conduttore		Construction : flexible strand of bare copper wire (according to class 6 VDE 0295, EN 60228)
INSULATION / isolamento		Material : TPO
Cores Identification / identificazione anime		According to colour code VDE 0293-OZ : BLACK numbered with numbers 1 to 36
TOTAL ASSEMBLY / Riunitura totale		cores stranded in concentric layers
TAPING / nastratura		Fleece tape
outer SHEATH / guaina esterna		Material : PUR matt Colour : BLACK RAL 9005 Nominal outer \varnothing : 19,80 \pm 0,40 mm
MARKING / marcatura		White ink print on the outer sheath : UNIKA (Italy) UNIDRALL (logo) 2520 36x1,5 / 36xAWG16 cULus (logo) AWM Style 21576 OIL 80C - AWM I/II A/B 80C 1000V O FT2 - "production code" - CE

TECHNICAL DATA / dati tecnici

Electrical characteristics

Nominal Voltage U ₀ /U (tensione nominale)		1000V UL
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Physical characteristics

Operating Temperature range (campo di temperatura di lavoro)		flexing installation (cavo in movimento) :	-30°C to +80°C
		fixed installation (cavo in posa fissa) :	-40°C to +80°C

Dynamic characteristics

Min. bending radius (raggio di curvatura minimo)		flexing installation (cavo in movimento) :	5 x outer \varnothing
		fixed installation (cavo in posa fissa) :	4 x outer \varnothing
Installation type (tipo di installazione)		mobile	







Chemical characteristics

Oil resistance (resistenza agli oli)		EN 50363-10-2, OIL 80°C UL758
UV resistance (resistenza ai raggi UV)		YES



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Manufacturing requirements

Fire behaviour (comportamento in caso di combustione)		Flame retardant according to : FT2 CSA, IEC 60332-1
Halogen-free (assenza di alogeni)		according to IEC 60754-1
Approvals/standard (approvazioni / norme)		UL 1581, UL758, EN 50363-10-2
		UL/CSA AWM rated 80°C 1000V
		EC Low Voltage Directive 2014/35/EU and CE Marking Directive 93/68/EEC
		UE directive 2011/65/UE Restriction of the use of Hazardous Substances (RoHS)

Data	Revisione n°	Modifiche	Autore : U.TEC.	Sheet / foglio
28/11/2016	0	emissione	TT	1/1