GAALFLEX® TRAY VFD 1530

Inverter, connection to frequency converters, UV Resistant,
UL 1277 TC-ER 1000 V 90°C Dry/Wet or UL 2277 WTTC/Flexible Motor Supply 1000 V, 90°C Dry/Wet
or UR AWM 1000 V 90°C or c(UL) CIC-TC 1000 V 90°C Dry/Wet or CSA 1000 V 105°C

Construction:

CONDUCTOR:	FLEXIBLE TINNED COPPER CONDUCTOR CL. K
INSULATION:	XLPE COMPOUND
CORES COLOR:	**3x..+1g..:** BLACK CORES WITH CONSECUTIVE NUMBERS + GREEN-YELLOW **3x..+1g..+1x2x..:** BLACK CORES WITH CONSECUTIVE NUMBERS + GREEN-YELLOW PAIR: BLACK AND WHITE NUMBERED
STRANDING:	**3x..+1g..:** CORES TWISTED TOGETHER + PP FILLERS (IF NECESSARY) **3x..+1g..+1x2x..:** CONTROL CORES TWISTED IN PAIR AND SCREENED, SUPPLY CORES AND CONTROL SCREENED PAIR TWISTED TOGETHER + PP FILLERS (IF NECESSARY)
WRAPPING:	**3x..+1g..+1x2x..:** CLEAR MYLAR TAPE
DRAIN WIRE:	**3x..+1g..+1x2x..:** STRANDED TINNED COPPER DRAIN WIRE
INDIVIDUAL SCREEN:	**3x..+1g..+1x2x..:** FOIL FREE EDGED AL/MYLAR TAPE 100% COVERAGE
WRAPPING:	**3x..+1g..:** CLEAR MYLAR TAPE
DRAIN WIRE:	STRANDED TINNED COPPER DRAIN WIRE
OVERALL SCREEN:	AL/MYLAR/AL TAPE 100% COVERAGE + STRANDED TINNED COPPER DRAIN WIRE AND TINNED COPPPER WIRE BRAID 85% COVERAGE
OUTER SHEATH:	BLACK (SIMILAR RAL 9005), TPE COMPOUND

Technical data:

NOMINAL VOLTAGE:	**UL 1277 TC/ER:** 1000 V **UL 2277 WTTC /** **FLEXIBLE MOTOR SUPPLY:** 1000 V **UR AWM:** 1000 V **c(UL) CIC-TC:** 600 V **CSA:** 1000 V
TEMPERATURE RANGE:	**UL 1277 TC/ER:** UP TO + 90°C DRY/WET **UL 2277 WTTC /** **FLEXIBLE MOTOR SUPPLY:** UP TO + 90°C DRY/WET **UR AWM:** UP TO + 90°C **c(UL) CIC-TC:** UP TO + 90°C DRY/WET **CSA:** -40°C UP TO + 105°C

Resistance:

FIRE PERFORMANCE ACC.TO:
c(UL) FT4 FT1, CSA FT4 FT2 FT1
UL VW-1, XHHW-2/VW-1 FLAME TEST
(AWG 14 AND LARGER),
UL 1581 & 1202 (FT4) 70,000 BTU/HR
& ICEA T-29-520 210,000 BTU/HR

OIL RESISTANCE ACC.TO:
UL OIL RES I & II

Features:

REDUCED DIAMETER

TPE OUTER SHEATH FOR A BETTER OIL RESISTANCE

ACC. TO NEC (NFPA 70) ART. 336

SUITABLE FOR USE IN CLASS I DIV. 2 HAZARDOUS LOCATIONS

UL LISTED AS TYPE TC-ER ACC. TO UL 1277 FOR TRAY CABLES

UL LISTED AS TYPE WTTC ACC. TO UL 2277 FOR
WIND TURBINE TRAY CABLES

UL APPROVED FOR DIRECT BURIAL, SUNLIGHT AND
OIL I & II RESISTANT APPLICATIONS

UL LISTED AS TYPE VFD ACC. TO UL 2277
FOR FLEXIBLE VFD SERVO MOTOR CABLES

UR AWM STYLE 20886 1000 V 90°C ACC. TO UL 758

ACC. TO ICEA S-73-532, WHERE APPLICABLE

c(UL) LISTED AS TYPE CIC-TC ACC. TO CSA C22.2 NO. 239-17 & NO. 230-17
FOR INSTRUMENTATION AND CONTROL CABLES AND TRAY CABLES

CSA LISTED AS TYPE AWM ACC. TO CSA 22.2 NO. 210-15
FOR APPLIANCE WIRING MATERIAL PRODUCTS

ROHS, REACH APPROVAL

UL/CSA Standards:

UL 1277

UL 2277

UL 758

CSA C22.2 NO. 239-17 & NO. 230-17

CSA 22.2 NO. 210-15

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Part no. EK GROUP	Part no. AWP	No. of cores x cross section n x AWG/MCM	Outer Ø inches/mm ±10%	Copper weight Lbs/Mft - kg/km		Cable weight approx. Lbs/Mft - kg/km
33360H70041A16		3 x 16 + 1 g 16	0,393 - 9,982	/	/	111 - 165,18
33360H70041A14		3 x 14 + 1 g 14	0,440 - 11,176	/	/	154 - 229,18
33360H70041A12		3 x 12 + 1 g 12	0,482 - 12,243	/	/	198 - 294,66
33360H70041A10		3 x 10 + 1 g 10	0,575 - 14,605	/	/	286 - 425,61
33360H70041A08		3 x 8 + 1 g 8	0,730 - 18,542	/	/	456 - 678,6
33360H70041A06		3 x 6 + 1 g 6	0,882 - 22,403	/	/	674 - 1003,02
33360H70041A04		3 x 4 + 1 g 4	0,984 - 24,99	/	/	910 - 1354,23
33360H70041A02		3 x 2 + 1 g 2	1,155 - 29,337	/	/	1316 - 1958,42
33360H7004BA12		3 x 12 + 1 g 12 + (1 x 2 x 18)	0,596 - 15,138	/	/	255 - 379,48

Other dimension and colours available on request.