ELECTRICAL Recognized Component Listing Program

Customer: Comet AG
Class: Electrical equipment for measurement, control, and laboratory use
Location: Herrengasse 10, 3175 Flamatt, Switzerland

Listing No. E11467-3
Report No. E11467-3, Edition 1
Project No. E11467-3, Edition 1 (QA-8558)
Effective Date: October 13, 2026
Last Revised Date: October 13, 2026
Expires: N/A

Standards: CAN/CSA C22.2 No. 61010-1-12 (R2022) - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements

UL 61010-1:2012 (3rd Ed.) - Electrical Equipment for Measurement, Control, and Laboratory Use; Part1: General Requirements

Product: Family of X-Ray Tubes,
Model Unipolar: MaRb-ccc xx/yy zz,
Bipolar: MaR-ccc xx/yy zz,
Portable MIRb-cccE yy
Unipolar: FXT-xxx.yyyy-zzzz and FYT- xxx.yyyy-zzzz

Markings: Products are marked in a permanent manner where it is readily visible after installation with the following:

a) Manufacturer's name or trademark
b) Model designation
c) Month and year of manufacture
d) Product ratings: voltage, frequency, watts
e) QAI file Number: E11467-3
f) The wording "CAN/CSA C22.2 No. 61010-1-12 and UL 61010-1"
g) Warning markings as required by the standards in English and French
h) QAI logo shown here:

Models / Ratings:

Model	Rated voltage kV	Rated power W	Style
MXR-75/30	75	1000	Unipolar
MXR-75/30 Fe	75	400	Unipolar
MXR-75HP/20 or Y.TU 75-D01	75	1000	Unipolar
MXR-75HP/20 Fe	75	400	Unipolar
MXR-75HP/20 FB or Y.TU75-F01	75	1000	Unipolar
MXR-100/12	100	3000	Unipolar
MXR-100/30	100	1000	Unipolar
MXR-100/30/55	100	1000	Unipolar
MXR-100HP/20	100	1000	Unipolar
MXR-100HP/20 FB	100	1000	Unipolar
MXR-101	100	1000	Unipolar
MXR-101 Fe	100	400	Unipolar
MXR-160/01 or Y.TU160-D01	160	320	Unipolar
MXR-160/20 or Y.TU 160-D04	160	640 / 640	Unipolar
MXR-160/21 or Y.TU 160-D03	160	640 / 1600	Unipolar
MXR-160/22 or Y.TU 160-D02	160	640 / 3000	Unipolar
MXR-160HP/11 or Y.TU 160-D06	160	800 / 1800	Unipolar
MXR-160HP/11/FB	160	500/1800	Unipolar
MXR-170HP/11/FB	170	500/1800	Unipolar
MXR-160HP/20 or Y.TU 160-D05	160	1000 / 1000	Unipolar
MXR-160HP FB or Y.TU 160-F01	160	1000	Unipolar
MXR-161	160	3000	Unipolar
MXR-161 FB	160	4000	Unipolar
MXR-162	160	3000	Unipolar
MXR-165	160	6000	Unipolar
MXR-180 (UL)	180	2700	Unipolar
MXR-180 UL V02	180	2700	Unipolar
MXR-180 WA	180	2700	Unipolar
MXR-180 SL	180	2500	Unipolar
MXR-180 RASL	180	2500	Unipolar

Model	Rated voltage kV	Rated power W	Style
MXR-180/20/35 FB RASL	180	2700	Unipolar
MXR-181	180	1800	Unipolar
MXR-201	200	1500	Unipolar
MXR-202	220	3200 / 2000	Bipolar
MXR-222	200	3200	Bipolar
MXR-225/01 or Y.TU 225-D01	225	320	Unipolar
MXR-225/02/FB or Y.TU 225-F02	225	3000	Unipolar
MXR-225/21 or Y.TU 225-D03	225	640 / 1600	Unipolar
MXR-225/22 or Y.TU 225-D02	225	640 / 3000	Unipolar
MXR-225/26	225	600 / 4500	Unipolar
MXR-225/30	225	600 / 4500	Unipolar
MXR-225FB/C	225	3000	Unipolar
MXR-225HP/11 FB	225	800 / 1800	Unipolar
MXR-225HP/11 or Y.TU 225-D04	225	800 / 1800	Unipolar
MXR-225HP/LFB	225	2400	Unipolar
MXR-225MF or Y.TU 225-M01	225	200	Unipolar
MXR-225MF/20/50/UP or Y.TU 225-M02	225	300	Unipolar
MXR-225MF/20/30/UP or Y.TU 225-M03	225	300	Unipolar
MXR-225UP/11/04 or **Y.TU 225-UP01**	225	900	Unipolar
MXR-225UP/15/06-06	225	750	Unipolar
MXR-225XP15/15-15 or Y.TU 225-D05	225	2250	Unipolar
MXR-225XP/15/06-06	225	1000/1000	Unipolar
MXR-225VF or Y.TU 225-V01	225	290 / 540 / 800 / 1600	Unipolar
MXR-225/15FB	225	2400	Unipolar
MXR-226	225	3000	Unipolar
MXR-226/IA	225	800	Unipolar
MXR-228	225	1000	Unipolar
MXR-320/23 AX	320	640 / 1600	Bipolar
MXR-320/23 or Y-TU 320-D01	320	640 / 1600	Bipolar
MXR-320/23-90	320	640 / 1600	Bipolar
MXR-320/26 AX	320	1500 / 4200	Bipolar
MXR-320/26 or Y.TU 320-D03	320	1500 / 4200	Bipolar
MXR-320/26-90	320	1500 / 4200	Bipolar
MXR-320HP/11 AX	320	800 / 1800	Bipolar
MXR-320HP/11 FB	320	800 / 1800	Bipolar
MXR-320HP/11 FB AX	320	800 / 1800	Bipolar
MXR-320HP/11 or Y.TU 320-D05	320	800 / 1800	Bipolar
MXR-320HP/11 FB-90	320	800 / 1800	Bipolar

Model	Rated voltage kV	Rated power W	Style
MXR-320HP/11FB AX 100	320	800 / 1800	Bipolar
MXR-320HP/11-90	320	800 / 1800	Bipolar
MXR-321	320	4000	Bipolar
MXR-322	320	3200	Bipolar
MXR-350/23	350	640 / 1600	Bipolar
MXR-350/23-90	350	640 / 1600	Bipolar
MXR-350/26	350	1500 / 4200	Bipolar
MXR-350/26-90	350	1500 / 4200	Bipolar
MXR-350HP/11	350	800 / 1800	Bipolar
MXR-350HP/11-90	350	800 / 1800	Bipolar
MXR-351	350	4000	Bipolar
MXR-421/26	420	900 / 4500	Bipolar
MXR-421HP/11	420	700/1500	Bipolar
MXR-450XP/15/20-20 or Y.TU 450-D13	450	1800	Bipolar
MXR-451/26 or Y.TU 450-D10	450	900 / 4500	Bipolar
MXR-451HP/11 or Y.TU 450-D11	450	700 / 1500	Bipolar
MXR-452 or Y.TU 450-F02	450	900 / 4500	Bipolar
MXR-452FB	450	900/4500	Bipolar
MXR-452/Y	450	900 / 4500	Bipolar
MXR-500HP/11	500	700 / 1500	Bipolar
MXR-600HP/11 or Y.TU 600-D01	600	700 / 1500	Bipolar
MXR-601HP/11 or Y.TU 600-D02	600	700 / 1500	Bipolar
MXRP-160C or Y.TU 160-P01	160	1000	Unipolar
MXC-450MF or Y.TU 450-M01	450	450	Bipolar
MXC-451	450	800	Bipolar
MXC-451HP/11	450	700 / 1500	Bipolar
MXC-453HP/11	450	700 / 1200	Bipolar
MIR-160/12	160	640 / 3000	Unipolar
MIR-160E	160	900	Unipolar
MIR-160E/EPR	160	1200	Unipolar
MIR-160/30/50	160	1200	Unipolar
MIR-180	180	2700	Unipolar
MIR-180FB	180	2400	Unipolar
MIR-180/20/30FB	180	1800	Unipolar
MIR-180 WA	180	2700	Unipolar
MIR-200/20/10 SA	200	600	Portable
MIR-200E	200	900	Portable
MIR-201E	200	600	Unipolar

Model	Rated voltage kV	Rated power W	Style
MIR-202	220	3200 (14l) / 2000 (10l)	Bipolar
MIR-225E	250	900	Portable
MIR-225/RS	225	2500	Unipolar
MIR-225HP/LFB 134	225	2400	Unipolar
MIR-270E	270	900	Portable
MIR-280E/HP	280	340	Portable
MIR-281E/HP	280	340	Portable
MIR-300E	300	900	Portable
MIR-300E/FB	300	600	Portable
MIR-301E	300	900	Portable
MIR-305	300	600	Bipolar
MIR-306	300	600	Bipolar
MIR 307	300	600	Bipolar
MIR-320/23	320	640 / 1600	Bipolar
MIR-320/26	320	1500 / 4200	Bipolar
MIR-320HP/11	320	800 / 1800	Bipolar
MIR-451/26	450	900 / 4500	Bipolar
MIR-451/26/G	450	900 / 4500	Bipolar
MIR-451/26/G420	420	900 / 4500	Bipolar
MIR-451HP/11/G	450	700 / 1500	Bipolar
MIR-451HP/11	450	700 / 1500	Bipolar
MIRP-200E	200	600	Portable
MIRP-301E	300	600	Portable
CXR-102	100	600	Unipolar
CXR-105	100	1000	Unipolar
FXT-160.50-XXXXXX	160	64	Unipolar
FXT-160.50c-XXXXXX	160	64	Unipolar
FXT-160.51-XXXXXX	160	64	Unipolar
FXT-160.51c-XXXXXX	160	64	Unipolar
FXT-190.61-XXXXXX	190	80	Unipolar
FXT-225.48-XXXXXX	225	320	Unipolar
Cooling pads 4 parts	/	/	n/a
Cooling pads 6 parts	/	/	n/a
FYT-160.NFXXXXXX	160	48	Unipolar
Above model names are with or without suffix "Standart Variante" and may have additional prefix XXXXXX or suffix XXXXXX, where X can be any Letter between A-Z or blank and shows no safety relevant information."			

Notes: The product mentioned is not certified, it is considered a recognized component. All conditions of acceptability must be addressed in order to consider conformity to the standards.

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